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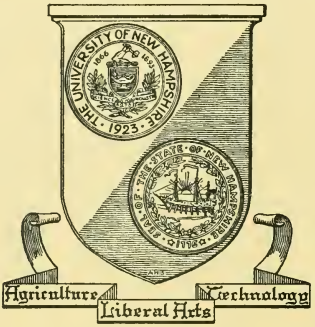

The University
of
New Hampshire

Bulletin 393 July 1952

THE UNIVERSITY OF NEW HAMPSHIRE
AGRICULTURAL EXPERIMENT STATION

Department of Agricultural and Biological Chemistry

Inspection of Commercial Feedingstuffs

Made for the
State Department of Agriculture

By H. A. DAVIS and E. E. EASTMAN

The University of New Hampshire
Durham, N. H.

INSPECTION OF COMMERCIAL FEEDINGSTUFFS

Made for the
STATE DEPARTMENT OF AGRICULTURE

The New Hampshire Feedingstuffs Law is administered by the Commissioner of Agriculture. All inquiries concerning the law and the registration of feedingstuffs should be addressed to the Feed Control Supervisor, State House, Concord.

Under the direction of Honorable Perley I. Fitts, Commissioner of Agriculture, Mr. George H. Laramie, Feed Control Supervisor, and Mr. Harold Ayer, Inspector, collected 704 samples of feedingstuffs offered for sale in the state during the year ending June 1952. These samples of feedingstuffs represent brands of 125 manufacturers.

REGISTRATION AND LABELING OF FEEDINGSTUFFS

Registration—The New Hampshire feedingstuffs law, Chapter 226, Revised Laws, as amended by Chapter 64, Laws of 1949, requires the registration of each brand of feedingstuff offered for sale with the Commissioner of Agriculture. Feedingstuffs are defined in the law as follows: "The terms 'concentrated commercial feedingstuff' or 'feedingstuff' as used in this chapter shall include all commercial feedingstuffs used for feeding wild animals and birds kept in captivity, domestic animals and poultry, except hay, straw, whole seed, unmixed meals made directly from the entire grains of wheat, rye, barley, oats, Indian corn, broom corn, buckwheat, and mixed grains the ingredients of which may be readily determined."

The feedingstuff is usually registered by the manufacturer or jobber whether he is located within or outside the state. Feedingstuffs manufactured in other states are frequently handled by several middlemen before they reach the local distributor. Under the provisions of the law, if the manufacturer or jobber fails to make registration, the dealer is responsible. Dealers who purchase feed for resale must assure themselves that the brands they purchase are properly registered and the license fee is paid; otherwise, they must assume that reponsibility. The Feed Control Supervisor provides forms to be filled in his office for the registration of feeds. A copy is shown on page 3.

New Hampshire

APPLICATION FOR REGISTRATION OF COMMERCIAL FEEDINGSTUFFS

No. .....

Date .....

To the Commissioner of Agriculture, State Dept. of Agriculture, Concord, N. H.:

The undersigned hereby makes application for registration—reregistration—supplemental registration of the following commercial feeding stuffs (for the period ending December 31, 19):

(List products to be reregistered under heading REREGISTRATIONS. List under heading SUPPLEMENTAL those products added during the year.)

Attached are product data sheets which have affixed thereto a label to be used on, or attached to the containers of feeding stuffs as required by paragraph I of Chapter 226, Revised Laws of N. H., Stock Foods Law. I hereby certify that the label or labels contain the information required by the law.

(Enclosed is ..... in the amount of $.....covering the registration fee for feeding stuffs. Registration fee is $15.00 for each feeding stuffs.)
Address correspondence to:

Attention ..... Firm Name .....

Street and No. ..... By .....

City and State ..... Title .....

— —

CERTIFICATE OF REGISTRATION

This certifies (that the registration fee has been paid and) that the above-listed products are this day registered under the provision of the New Hampshire Stock Foods law, and the sale is authorized when sold, offered or exposed for sale when labeled and other-wise in compliance with the law, until cancelled for cause (for the period beginning with the actual date of registration and continuing until December 31, unless the registration of any feed or feeds are cancelled).

NEW HAMPSHIRE DEPARTMENT OF AGRICULTURE

.....
Commissioner

Date.....

INSTRUCTIONS

Application for Registration: Submit cover sheet in duplicate. One copy will be returned as your Certificate of Registration.

Product Data Sheet: One or more (8½" x 11") sheets, to which is affixed a label, or if the label has not been printed, proposed copy or printer's proof may be affixed, for each product to be registered, must accompany the application. Number the attached data sheet pages and insert the page number in parentheses on the cover sheet immediately after the name of the feed.

Brands: List these on the application cover sheets under the headings and in the order "Reregistrations" and "New Registrations." (Reregistrations are renewals from the previous year. New Registrations are brands not registered the previous year.)

Reregistrations: (Renewals of registrations) require that all cover sheets be renewed. It is not necessary to renew Product Data Sheets except with respect to information which is different from that furnished when the feeds were registered or last reregistered.

Labeling: All labeling must be in accordance with New Hampshire Stock Foods law, and all information on cover sheets and data sheets must comply with the above law.

Labeling—The law requires every manufacturer or dealer who shall sell or offer for sale any concentrated commercial feedingstuffs to furnish with each package a clearly printed statement certifying:

the number of net pounds in the package,

the name or trademark under which the article is sold,

the name of the manufacturer, shipper, or for whom the product is manufactured,

the place of business,

and a chemical analysis stating:

the minimum percentage only of crude protein,

the minimum percentage only of crude fat,

the maximum percentage only of crude fiber,

and the name of each ingredient contained in the feed.

In order to secure greater uniformity in the labeling of feeds and in the statement of ingredients, the Association of American Feed Control Officials has adopted definitions and standards. The Association has approved 20 official regulations which "should be adopted by State officials insofar as their statutes will permit." There are no conflicts with the New Hampshire feedingstuffs law in these regulations. Manufacturers and dealers are, therefore, expected to conform to the regulations of the Association in all matters not specifically mentioned in the law.

One sentence in the New Hampshire feedingstuff law reads as follows: " . . . . and shall state in bold type upon the container or tag attached thereto, if a compounded feed, the names of the several ingredients therein contained." To avoid the misinterpretation or deception that may result from the manufacturer's use of indefinite terms in listing the ingredients, the Association of American Feed Control Officials has adopted 228 official definitions of ingredients used in the compounding of feedingstuffs. These definitions are subject to frequent addition and revision. At the present time there are also 30 tentative definitions and three that have been proposed for future discussion. Tentative definitions are those which have received favorable consideration but have not yet been made official. An 146-page booklet containing the above three classes of definitions, 20 official regulations, 12 tentative regulations, 25 resolutions adopted, and other instructive material may be obtained from the Secretary of the Association of American Feed Control Officials, College Park, Maryland. The manufacturer should secure a copy of this booklet and list the ingredients accurately. Carelessness or indifference in listing the ingredients should create sales resistance in the buyer. The purchaser is warranted in concluding that the manufacturer who is inaccurate in specifying the ingredients printed on the tag may be careless in selecting the ingredients he puts into the bag.

THE PURPOSE OF THE FEEDINGSTUFFS LAW

The chief purpose of the feedingstuff law is to protect the consumer against the inferior products which doubtless would soon appear on the market if the trade were not under state control. The law is primarily a correct-labeling act. It must not be assumed by the purchaser of feedingstuffs that every brand which meets the manufacturer's guarantee is a high-grade feed. The feedingstuffs law does not prevent the sale of a low grade feed if it is properly licensed and tagged and is offered for sale in compliance with the law. It would not be in the public interest to legislate against the sale of the lower-grade by-products. They can be fed profitably if bought at a price adjusted to their feeding value. The law does prevent an inferior feed being offered for sale as a high-grade product. Bulk delivery of feed direct to the farm is a practice that is being developed. The handling of feed in this manner brings special problems to the consumer as well as the manufacturer. Experience has shown that by the use of properly designed equipment bulk delivery is satisfactory. The consumer should carefully plan his storage bins and his method of feed distribution before accepting bulk delivery of feed. Feed delivered in bulk is subject to the same requirements so far as the law is concerned as feed sold in bags. The use of medicated feeds for special purposes continues to increase in volume. Special directions for feeding are printed on the tags attached to such feeds. The use of drugs in feeds for the control of certain diseases must be carefully investigated and meet the approval of the Food and Drug Administration before it is put on the market.

The dealer, in purchasing feed from the manufacturer, and the consumer, in purchasing feed from the dealer, should make the specification that the feed delivered must comply with the New Hampshire feeding-

stuff law. If the feed is not registered; if the protein, fat, and crude fiber are not guaranteed; and if the ingredients of which the feed is composed are not plainly stated on the bag, or on a tag attached thereto, the purchaser is not protected by the state feedingstuff law. He then has no recourse under the feedingstuff law if the feed which he purchases is of inferior quality. The dealer who offers for sale a feedingstuff which has not been registered and which is not guaranteed in compliance with the law is probably indifferent to his customer's interests in other respects. He does not merit either the confidence or the patronage of the consumer. The purchaser's cooperation in refusing to buy a feed which does not conform to the law in every respect will not only help in the enforcement of the law, but will, at the same time, secure for himself the protection of the law. If the buyer fails to assure himself that the legal requirements have been met, he accepts the feedingstuff at his own risk.

The cost of a feedingstuff inspection includes the drawing and the analysis of the samples, and the publication and mailing of the annual bulletin. The funds from which these costs are paid are accumulated from the license fees which the manufacturer is required to pay annually on each brand of feedingstuff offered for sale within the state. Since manufacturing and distributing costs are finally paid by the consumer, the purchaser of feedingstuffs is interested in the effect of the cost of the inspection on the retail price per ton. A calculation based on the known costs of the inspection and the estimated retail value of the feedingstuffs sold annually, shows that the cost of the inspection is only a fraction of a cent per 100-pound bag.

The terms used in reporting the chemical analysis of a feedingstuff required by the law are briefly defined as follows: PROTEIN is a collective term for a considerable group of compounds, all of which contain nitrogen. Ingredients high in protein are usually more expensive than the other ingredients, making protein the most important nutrient for consideration in determining the commercial value of a feedingstuff. The nutritional value of the proteins varies widely; therefore, a feedingstuff should contain protein from several sources to insure inclusion of all essential types. FAT is separated from the other components of a feedingstuff by extracting the moisture-free sample with anhydrous ether. In such ingredients as the cereals, the seed-meals, and animal products, the extract is nearly pure fat. A few ingredients such as alfalfa meal contain some ether soluble material which is not fat. When urea is present, the figure for the percentage of fat found may be high as much as 2/10 per cent, due to the slight solubility of urea in anhydrous ether. When sulphur is present, the percentage of fat found is much too high, since sulphur is readily soluble in anhydrous ether. FIBER is composed of cellulose and related compounds. Since crude fiber has little feeding value, the law requires that the maximum fiber be guaranteed rather than the minimum as in protein and fat.

It is not within the scope of this bulletin to make recommendations regarding the use of commercial feedingstuffs. The Department of Dairy Husbandry and the Department of Poultry Husbandry are continuously studying feeding problems. The following publications of these departments are free to residents of New Hampshire. Address your request to Mail Service, University of New Hampshire, Durham, New Hampshire.

Folder 10	The Use of Home-Grown Grains in Feeding the Dairy Herd.
Ext. Bull. 67	Turkey Production in New Hampshire, 16 pp.
Ext. Cir. 274	Brooding and Rearing Chickens, 20 pp.
Ext. Cir. 282	Dairy Calves.

While the word feedingstuff does not appear in all the above titles, no publication is included which does not discuss some aspect of the use of feedingstuffs.

Inquiries occasionally are made regarding a method of calculating the protein, fat or fiber content of a home mixed feed. There are tables available, such as those in Morrison's book "Feeds and Feeding," which give the average chemical analysis of feed concentrates, roughages, and silages. It should be pointed out that the chemical analysis of a particular lot of an ingredient may be somewhat above or below the average figure shown in the table. This fact must be taken into consideration in fixing guarantees. The following example shows how the protein content of a feed mixture may be calculated.

Ingredients	pounds used	lbs. protein x per cent protein = furnished by ingredient	
Ground Oats	200	12.0	24
Ground Corn	400	8.0	32
Gluten Feed	300	25.0	75
Wheat Bran	400	15.0	60
Linseed Oil Meal	100	34.0	34
Salt	10	.....	.....
Total Mix	1410 lbs.	contains	225 lbs. protein

$$\text{The mixture contains } \frac{225}{1410} \times 100 = 15.95\% \text{ protein.}$$

The percentage of fat or fiber may be calculated in a like manner by substituting the fat or fiber figures for those of the protein.

CONFORMITY TO THE GUARANTEES

The chemical analyses were made by the methods of the Association of Official Agriculture Chemists. Of the 704 samples analyzed, 12.7 per cent contained less than the guaranteed amount of protein; 8.8 per cent contained less than the guaranteed amount of fat, and 4.3 per cent contained crude fiber in excess of the guarantee. A comparison of these figures with those of previous years is shown in Table 1.

All the states have feedingstuff laws and publish a report. It is common practice to indicate by different type those brands failing by an arbitrary tolerance to conform to the guarantee. There is no common agreement what this tolerance should be. In this bulletin the analytical figures ½ per cent or more below guarantee in protein, ¼ per cent or more below guarantee in fat, and one per cent or more above guarantee in crude fiber are printed in bold face type and underlined.

TABLE I. PERCENTAGE OF SAMPLES ANALYZED IN YEARS 1926-1952 NOT CONFORMING TO GUARANTEES

Year	Per cent below guarantee in Protein		Per cent below guarantee in Fat		Per cent high in Crude Fiber
	Less than 0.5 per cent	0.5 per cent or more	Less than 0.25 per cent	0.25 per cent or more	
1926	8.0	16.0	4.0	10.0	6.0
1927	8.3	16.4	5.8	13.6	5.9
1928	9.1	20.7	4.3	9.3	7.9
1929	9.5	20.2	2.8	9.3	6.5
1930	4.8	13.1	4.0	8.0	3.9
1931	1.8	7.2	5.9	9.7	5.3
1932	1.8	1.4	5.0	8.1	2.8
1933	1.3	3.6	7.5	9.8	3.6
1934	3.0	3.4	3.9	7.1	9.8
1935	2.4	3.0	4.2	8.5	9.9
1936	2.9	5.2	5.5	8.3	12.2
1937	2.8	4.2	3.0	6.0	11.0
1938	2.9	8.1	9.8	10.8	11.5
1939	1.9	3.3	6.8	9.3	8.7
1940	2.9	4.0	6.2	6.7	7.5
1941	1.1	2.6	4.7	6.7	5.6
1942	2.6	3.5	3.7	4.5	7.4
1943	3.7	2.7	7.7	8.6	7.4
1944	8.2	9.0	10.7	19.7	6.9
1945	2.1	6.1	2.9	7.5	7.1
1946	8.6	17.5	2.3	8.9	14.6
1947	4.1	10.2	1.7	4.0	24.7
1948	3.6	3.8	2.3	3.5	13.6
1949	3.5	5.8	2.7	2.8	7.2
1950	4.9	7.3	4.9	5.1	3.2
1951	4.4	7.5	2.7	4.9	4.0
1952	4.3	8.4	3.0	5.8	4.3

REQUEST BY INDIVIDUALS FOR THE ANALYSIS OF FEEDINGSTUFFS

The feedingstuff law requires the Agricultural Experiment Station to analyze only samples of registered feedingstuffs drawn under the direction of the Feed Control Supervisor. It does, each year, however, analyze a considerable number of samples drawn by individuals representing stock purchased by them for their own use. Frequently, the reason for requesting an analysis is that the feed is suspected of causing sickness or death of livestock or poultry. While in very rare instances the feed may have caused the trouble, disease is usually found to be the cause. Often feeders, suspecting the feed, lose valuable time in the treatment of the disease by sending a sample of the feed for analysis and waiting for the report. Losses could have been reduced had a veterinarian or poultry specialist been consulted immediately and proper treatment given promptly. The most conclusive method of determining whether or not the feed is the cause of the trouble is a biological test. Such a test can be conducted on the premises of the feeder. If the feed is suspected, confine in sanitary pens two lots of healthy chicks. Give to one lot the suspected feed and to the other lot a feed known to be good. Should the chicks receiving the suspected feed become ill and the others remain healthy, there is evidence that the feed is the cause. Under such circumstances, notify the Feed Control Supervisor and an official sample will be drawn. The official sample will be analyzed to determine if the manufacturer is responsible.

The most common reason the purchaser has for asking to have the sample analyzed is to satisfy himself whether or not the feed meets its guarantee, and if it does not, to obtain evidence upon which to base a claim for shortage. The Station can assume no responsibility for the drawing of an unofficial sample but can attest only the accuracy of the analysis of the sample as submitted. It is practically impossible to secure a representative sample of a feedingstuff composed of several ingredients varying widely in composition without the aid of a sampling tube for drawing the sample and proper equipment for mixing it. A feed may contain as one of its ingredients gluten meal averaging 40 per cent protein, and as another ingredient oat mill feed averaging 5 per cent protein. These materials are so different in physical condition that the shaking in transit tends to separate them even though they may have been perfectly mixed by the manufacturer before bagging. It is apparent that an accurate sample of a shipment of a feed can only be had by drawing a core from several bags. Since a representative sample is as essential as an accurate analysis in judging the value of a shipment of feed, it is evident that a satisfactory adjustment can seldom be effected on the basis of an unofficial sample.

Notwithstanding the objections which may be raised to the analysis of samples taken without proper sampling equipment, the Station is disposed to continue this work as long as there is evidence that it constitutes a useful service. The samples so submitted should be drawn from at least ten bags in a manner which will insure that the small lot sent for analysis is as accurately representative as possible of the large lot from which it is taken. Because of the cost of laboratory work and materials, an analysis is not usually warranted on a sample drawn from less than a one-ton lot of feed.

A one-pound sample is sufficient for the analysis. It should be sent in a glass jar or tin box to prevent loss of fine particles and a change in the moisture content. In order that the department may have a record of the sample analyzed, and may know whether or not the manufacturer and the dealer are complying with the requirements of the law, the following information should be submitted concerning each sample.

Brand .....

Manufacturer .....

Address .....

Guarantee:

Protein .....

Fat .....

Crude Fiber .....

Ingredients .....

.....

.....

Dealer .....

Address .....

Number of bags in lot .....

Number of bags sampled .....

Price per 100 pounds .....

Your name .....

Your address .....

Your reason for requesting analysis .....

.....

Manufacturer / Brand		Pounds in 100 lbs. of Feedingstuff					
		Protein		Fat		Crude Fiber	
		Guaranteed*	Found	Guaranteed*	Found	Guaranteed*	Found
Albers Milling Company Peoria, Illinois							
Calf Manna	Rochester	25.00	25.84	4.00	4.51	5.50	4.70
Calf Manna (Pelleted)	Hillsboro	25.00	25.70	4.00	4.46	5.50	4.70
E. T. Allen Company Atlanta, Georgia							
Empire 41% Protein Cottonseed Meal Prime Quality	Keene	41.00	41.12	4.00	5.99	13.00	10.12
Allied Mills, Inc. Chicago, Illinois							
Sugarine 16% Dairy Feed	W. Lebanon	16.00	17.52	3.00	3.49	12.00	7.43
Sugarine 20% Dairy Ration	W. Lebanon	20.00	23.64	3.00	4.44	12.00	10.68
Sulfaquinoxaline in Wayne Rocket Broiler Feed	Keene	20.00	22.51	3.50	2.92	5.00	3.13
Wayne All Mash Breeder	Manchester	17.00	17.90	2.50	4.16	8.00	7.20
Wayne All Mash Egg	Manchester	17.00	17.29	2.50	4.42	8.00	7.50
Wayne All Mash Grower	Manchester	15.00	15.94	2.50	4.32	7.00	7.64
Wayne Breeder Mash	W. Lebanon	20.00	22.33	3.00	4.02	8.00	6.78
Wayne Broiler Feed	Manchester	20.00	20.71	3.50	4.53	5.00	4.58
Wayne Calf Starter	Keene	16.00	17.74	3.00	3.63	11.00	6.87
Wayne 16% Dairy Ration	Manchester	16.00	18.61	4.00	4.01	10.00	7.54
Wayne 20% Dairy Ration	W. Lebanon	20.00	20.66	4.00	4.02	10.00	7.23
Wayne Egg Mash	Manchester	20.00	20.67	3.00	4.08	8.00	7.08
Wayne Fattening Pellets	Manchester	18.00	18.44	3.00	4.71	8.00	6.15
Wayne Fitting Ration	Manchester	13.00	14.41	3.00	4.63	10.00	7.32
Wayne Flushing Mash	Keene	20.00	20.62	3.00	3.49	7.00	3.90
Wayne Growing Mash	Manchester	18.00	20.05	2.50	4.25	8.00	6.68
Wayne Growing Mash (Krums)	Keene	18.00	19.18	2.50	3.88	8.00	7.24
Wayne Horse Feed	W. Lebanon	9.00	9.85	2.50	3.35	12.00	7.64
Wayne Mash Layer	W. Lebanon	20.00	20.23	3.00	4.21	8.00	7.98
Wayne 26% Mash Supplement	Manchester	26.00	30.79	2.50	3.12	10.00	7.69
Wayne 18% Milk Producer	W. Lebanon	18.00	18.35	3.00	4.12	12.00	11.16
Wayne Pork Maker	Manchester	14.00	13.62	3.00	3.76	8.00	5.33
Wayne Poultry Fitting Ration	W. Lebanon	11.00	10.59	2.50	3.13	9.00	7.63
Wayne Rabbit Ration	W. Lebanon	17.00	18.69	3.00	4.30	15.00	13.06
Wayne Sulfaquinoxaline Mixture in Wayne Broiler Feed	W. Lebanon	20.00	22.11	3.50	4.63	5.00	5.42
Wayne Sulfaquinoxaline in Wayne All Mash Grower	Manchester	15.00	15.50	2.50	4.63	7.00	6.99
Wayne Sulfaquinoxaline in Wayne Universal Grower	Keene	15.00	16.24	2.50	4.14	6.00	4.85
Wayne Tail Curler	W. Lebanon	18.00	19.39	3.00	3.73	5.00	3.52
Wayne Turkey and Game Bird Growing Mash	W. Lebanon	20.00	20.49	2.50	5.08	8.00	7.06
Wayne Turkey and Game Bird Starter	W. Lebanon	28.00	30.08	3.00	3.77	8.00	6.78
American Crystal Sugar Company Denver, Colorado							
Plain Dried Beet Pulp	Somersworth	7.50	8.84	0.30	0.44	22.50	18.77
American Maize-Products Co. New York, New York							
Cream of Corn Gluten Feed	Nashua	23.00	23.99	2.00	2.24	9.50	7.14

*Protein and fat not less than, crude fiber not more than.

Manufacturer / Brand		Pounds in 100 lbs. of Feedingstuff					
		Protein		Fat		Crude Fiber	
		Guaranteed*	Found	Guaranteed*	Found	Guaranteed*	Found
Archer Daniels Midland Co. Minneapolis, Minnesota							
Archer Quality 32% Protein Expeller Linseed Oil Meal	Keene	32.00	34.33	3.50	3.77	10.00	8.78
Arlington Dehydrator Co. Arlington, Nebraska							
Dehydrated Alfalfa Meal 17%	Manchester	17.00	14.89	1.75	2.13	27.00	27.27
Ashcraft-Wilkinson Co. Atlanta, Georgia							
Sunny Florida Sweet Citrus Pulp	Hillsboro	6.00	5.67	5.00	3.96	16.00	15.19
E. W. Bailey & Company Montpelier, Vermont							
Bailey's Pennant Brand Breeder Mash	N. Haverhill	20.00	20.89	3.75	4.16	7.50	6.32
Bailey's Pennant Brand Breeder Mash	Hillsboro	20.00	19.37	3.50	3.70	7.00	7.83
Bailey's Pennant Brand Calf Ration	Colebrook	15.00	16.64	3.00	3.55	8.50	7.39
Bailey's Pennant Brand Calf Starter	Hillsboro	23.00	24.26	3.75	3.76	7.50	6.54
Bailey's Pennant Brand Complete Breeder	Hillsboro	16.00	15.74	3.50	3.76	7.00	6.95
Bailey's Pennant Brand Complete Egg Ration	Colebrook	16.00	17.12	3.75	4.60	7.50	7.81
Bailey's Pennant Brand Complete Grower	Colebrook	15.00	15.68	3.75	4.11	7.50	6.99
Bailey's Pennant Brand 16% Dairy Ration (Coarse)	N. Haverhill	16.00	17.56	3.75	3.77	10.00	9.59
Bailey's Pennant Brand 16% Dairy Ration (Fine)	Colebrook	16.00	16.51	3.75	4.24	10.00	9.37
Bailey's Pennant Brand 18% Dairy Ration	Colebrook	18.00	18.43	4.00	4.35	8.00	8.89
Bailey's Pennant Brand 20% Dairy Ration (Coarse)	Colebrook	20.00	21.01	3.75	4.04	8.00	8.22
Bailey's Pennant Brand 20% Dairy Ration (Coarse)	Hillsboro	20.00	20.35	3.50	3.42	9.00	7.10
Bailey's Pennant Brand 20% Dairy Ration (Fine)	N. Haverhill	20.00	21.98	3.75	4.23	8.00	8.74
Bailey's Pennant Brand Fitting Ration (Coarse)	Colebrook	14.00	14.94	3.75	3.79	11.00	9.93
Bailey's Pennant Brand Growing Mash	N. Haverhill	18.00	17.13	3.75	3.62	7.50	6.00
Bailey's Pennant Brand Horse Feed	Colebrook	10.50	11.46	3.00	3.82	9.00	7.38
Bailey's Pennant Brand Laying Mash	N. Haverhill	20.00	21.54	3.75	3.67	7.50	6.26
Bailey's Pennant Brand Mo-Bulk	Colebrook	10.50	9.92	2.00	1.63	16.00	15.36
Bailey's Pennant Brand Pasture Ration	Colebrook	14.00	17.47	3.75	4.28	14.00	10.42
Bailey's Pennant Brand Pig Feed	Colebrook	17.00	18.69	3.50	3.23	7.50	6.26
Bailey's Pennant Brand Pig Grower	Colebrook	15.00	15.46	3.75	3.42	6.50	5.38
Bailey's Pennant Brand Provender	Colebrook	10.00	9.39	3.50	3.81	8.00	5.62
Bailey's Pennant Brand Rabbit Pellets	Hillsboro	16.00	17.56	3.00	3.16	12.00	10.17
Bailey's Pennant Brand Stock Feed	Hillsboro	9.50	12.17	3.00	3.04	15.00	12.58
Bailey's Pennant Brand 32% Supplement	N. Haverhill	32.00	32.93	3.50	4.06	9.00	6.64
Quality 20% Dairy Ration	N. Haverhill	20.00	20.67	3.50	3.87	8.00	7.72
Sulfaquinoxaline Mixture in Bailey's Pennant Brand Broiler Ration	Hillsboro	20.00	22.16	3.50	3.51	4.00	3.99
Battle Creek Dog Food Co. Battle Creek, Michigan							
Miller Kibbles Dog Food	Salem Depot	22.00	23.25	2.00	2.34	3.00	1.38

*Protein and fat not less than, crude fiber not more than.

Manufacturer / Brand		Pounds in 100 lbs. of Feedingstuff					
		Protein		Fat		Crude Fiber	
		Guaranteed*	Found	Guaranteed*	Found	Guaranteed*	Found
The Beacon Milling Co., Inc. Cayuga, New York							
Auburn "16"	Dover	16.00	19.22	3.00	3.13	10.00	7.13
Auburn "20"	Dover	20.00	20.75	3.00	3.45	10.00	7.80
Beacon "16"	Dover	16.00	17.60	3.50	3.67	9.00	7.30
Beacon "20"	Dover	20.00	20.36	3.25	3.58	9.00	8.03
Beacon Breeder All-Mash	Goffstown	15.00	17.12	3.50	4.73	6.50	5.98
Beacon Breeders Mash	Goffstown	22.00	22.68	3.50	5.04	6.50	5.99
Beacon Broiler Feed	Dover	24.00	24.69	4.00	4.52	4.50	4.15
Beacon Broiler Finisher Pellets	Dover	15.00	16.73	3.50	4.10	5.50	4.88
Beacon C-C Pellets	Dover	15.00	15.54	4.50	10.20	5.00	4.68
Beacon Dairy Fitting	Dover	14.00	16.29	3.25	3.55	9.00	7.80
Beacon "22" Egg Mash	Dover	22.00	23.12	3.50	4.56	6.50	5.83
Beacon Fleshing Pellets	Weare	20.00	20.84	3.00	3.54	6.00	5.07
Beacon Goat Ration	Goffstown	16.00	18.31	3.00	4.99	10.00	7.12
Beacon "18" Growing Mash	Goffstown	18.00	18.65	3.50	4.46	6.25	6.01
Beacon Horse Feed	Weare	10.00	10.90	2.50	3.61	9.00	6.76
Beacon "Nitrosal Mix" in Beacon Broiler Feed	Dover	23.00	23.60	3.50	4.57	4.50	4.20
Beacon Nitrosal in Beacon Complete Starter	Dover	23.00	24.65	3.50	3.99	4.50	4.03
Beacon "15" with Pellets	Goffstown	15.00	15.50	4.00	4.82	9.00	7.30
Beacon Poultry Fitting	Weare	11.00	10.57	3.00	3.16	7.50	5.11
Beacon Special Crate Fattener	Goffstown	17.00	18.30	3.00	3.61	6.50	6.43
Beacon "18" Test Cow Ration	Dover	18.00	19.26	3.75	3.77	9.00	7.63
Beacon Turkey and Game Bird Fitting	Dover	10.00	10.11	3.00	3.17	9.00	5.52
Beacon Turkey and Game Bird Grower	Dover	24.00	24.74	3.50	4.69	6.00	4.53
Be-Co-Lass	Dover	11.00	11.17	2.00	2.84	13.00	12.04
The Bordon Co. Special Products Div., 350 Madison Ave., New York 17, New York							
Bordens Dog Food	Hillsboro	25.00	29.11	5.50	7.22	5.00	3.63
Calo Dog Food Company West Hanover, Massachusetts							
Calo 100% Horse Meat for Dog Food	Claremont	18.00	14.27	3.00	3.46	1.00	0.28
Cape King Fisheries New Bedford, Massachusetts							
Cats Meow Cat Food	Goffstown	12.00	14.34	2.50	2.69	1.50	0.76
Car-O-Green, Inc. Kansas City, Missouri							
Car-O-Green 17% Dehydrated Alfalfa Meal	Keene	17.00	19.09	1.50	2.22	27.00	26.02
The A. B. Caple Co. Toledo, Ohio							
Alfalfa Meal	Keene	13.00	13.62	1.00	1.27	33.00	32.40
Central Soya Co., Inc. Fort Wayne, Indiana							
44% Solvent Extracted Soybean Oil Meal	Greenfield	44.00	46.76	0.50	0.83	7.00	5.28
44% Solvent Extracted Soybean Oil Meal	Keene	44.00	45.79	0.50	0.62	7.00	5.47

*Protein and fat not less than, crude fiber not more than.

Manufacturer / Brand		Pounds in 100 lbs. of Feedingstuff					
		Protein		Fat		Crude Fiber	
		Guaranteed*	Found	Guaranteed*	Found	Guaranteed*	Found
S. J. Cherry & Sons, Ltd. Preston, Canada							
Wheat Shorts	Keene	15.00	16.25	5.00	4.66	8.00	5.35
H. E. Clark Winfield, Kansas							
Alfalfa Meal	Keene	17.00	11.73	1.50	2.70	27.00	26.28
Alfalfa Meal	Keene	17.00	10.16	1.50	2.43	27.00	26.98
17% Dehydrated Alfalfa Meal	Manchester	17.00	15.72	1.50	1.56	27.00	35.55
Clinton Foods Clinton, Iowa							
Clinton Corn Gluten Feed	N. Haverhill	23.00	23.08	2.00	2.22	8.50	10.02
Clinton Corn Gluten Meal	Concord	41.00	46.32	1.00	2.28	6.00	3.72
Coatsworth & Cooper Ltd. 67 Yonge St., Toronto, Canada							
C & C Wheat Shorts	Concord	16.00	18.21	5.00	5.17	8.00	7.27
Commercial Solvents Corp. Peoria, Illinois							
B-Y 500 Dried Corn Fermentation Solubles	Greenfield	32.00	35.73	4.00	4.79	7.00	8.33
Consolidated Products Co. Danville, Illinois							
Barx Dog Food	Salem Depot	11.00	11.50	7.00	7.50	1.00	0.62
Consolidated Rendering Company 178 Atlantic Ave., Boston, Mass.							
Corenco Fish Meal	Manchester	58.00	57.40	5.00	15.13	.....	.....
Corenco 45% Meat & Bone Scrap	Manchester	45.00	48.86	6.00	8.05	.....	.....
Corenco 46% Meat & Bone Scrap	Manchester	46.00	45.76	6.00	9.06	.....	.....
Corenco 46% Meat & Bone Scrap	Manchester	46.00	46.45	6.00	7.85	.....	.....
Corenco 46% Meat & Bone Scrap	Manchester	46.00	44.65	6.00	11.71	.....	.....
Corenco 46% Meat & Bone Scrap	Manchester	46.00	43.38	6.00	7.92	.....	.....
Corenco 46% Meat & Bone Scrap	Keene	46.00	46.32	6.00	8.71	.....	.....
Continental Distilling Corp. Philadelphia, Pennsylvania							
25% Corn Distillers Dried Grains	Dover	25.00	24.81	8.00	9.25	15.00	9.29
Copeland Flour Mills, Ltd. Midland, Canada							
Dandy Wheat Bran	Suncook	15.00	17.86	3.50	4.63	11.50	4.81
Corn Products Refining Co. New York, New York							
Diamond Brand Corn Gluten Meal	Manchester	41.00	41.94	1.00	1.95	6.00	5.57
Diamond Brand Corn Gluten Meal	Greenfield	41.00	42.69	1.00	1.72	6.00	5.52
Charles M. Cox Co. Boston, Massachusetts							
Challenger Coarse 14 Dairy Ration	Ashland	14.00	14.59	3.00	3.23	12.00	9.66
Provender	Newport	9.00	9.63	3.00	3.78	8.00	5.18
Wirthmore Breeder Mash	Milford	20.00	21.50	3.00	3.46	7.00	5.70
Wirthmore Breeder Mash (Pellets)	Manchester	20.00	20.79	3.00	3.47	7.00	5.83
Wirthmore Calving Ration	Manchester	14.00	15.02	4.00	3.53	10.00	9.06
Wirthmore Challenger Coarse 16 Dairy Ration	Nashua	16.00	17.08	3.00	3.28	12.00	11.70

*Protein and fat not less than, crude fiber not more than.

Manufacturer / Brand		Pounds in 100 lbs. of Feedingstuff					
		Protein		Fat		Crude Fiber	
		Guaranteed*	Found	Guaranteed*	Found	Guaranteed*	Found
Charles M. Cox Co. (continued)							
Wirthmore Complete Breeder Ration	Milford	15.00	15.59	3.00	3.61	6.00	4.88
Wirthmore Complete Egg Ration	Lancaster	15.00	15.05	3.00	3.27	6.00	5.37
Wirthmore Complete Growing Ration	Lancaster	14.50	12.64	3.00	3.58	6.00	4.75
Wirthmore 16 Dairy Ration	Lancaster	16.00	17.29	3.50	3.65	9.00	7.20
Wirthmore 20 Dairy Ration	Lancaster	20.00	21.58	3.50	3.91	8.00	7.53
Wirthmore 32 Dairy Supplement	Manchester	32.00	36.43	3.00	4.20	8.00	6.92
Wirthmore Dog Food (Meal Form)	Nashua	25.00	28.64	7.00	7.71	5.00	3.74
Wirthmore Fattening Pellets	Nashua	17.50	17.74	3.50	3.51	6.00	4.07
Wirthmore 14 Fitting Ration	Milford	14.00	14.67	4.00	4.01	9.00	7.26
Wirthmore 14 Fitting Ration	Plymouth	14.00	14.15	4.00	4.01	9.00	7.42
Wirthmore Fodder Greens	Ashland	9.00	9.68	2.00	1.67	18.00	16.23
Wirthmore Growing Mash	Milford	18.00	17.86	3.00	3.52	7.00	5.66
Wirthmore Hi-Ener-G Starter and Broiler Ration	Plymouth	20.00	21.93	3.00	2.61	4.00	3.05
Wirthmore Horse Feed	Ashland	10.00	11.21	3.25	3.45	9.00	8.31
Wirthmore Laying Mash	Plymouth	20.00	20.49	3.00	3.27	7.00	5.72
Wirthmore Pig & Hog Feed	Lancaster	17.00	18.08	4.00	4.08	8.00	6.59
Wirthmore Poultry Fitting (for Turkeys and Chickens)	Manchester	12.00	11.62	3.00	3.01	10.00	5.07
Wirthmore Producer 16 Dairy Ration	Manchester	16.00	17.29	3.00	3.87	10.00	8.17
Wirthmore Producer 20 Dairy Ration	Manchester	20.00	20.35	3.00	3.86	9.00	8.50
Wirthmore Rabbit Pellets	Manchester	15.00	16.46	4.00	4.01	12.00	9.39
Wirthmore 16 Record Ration	Plymouth	16.00	16.07	3.50	4.01	9.00	8.17
Wirthmore 18 Record Ration	Newport	18.00	20.18	3.50	4.71	9.00	7.08
Wirthmore Sheep and Goat Ration	Nashua	16.00	17.43	4.00	4.12	8.00	7.47
Wirthmore Starter and Broiler Ration (Pellets)	Manchester	20.00	19.59	3.00	3.49	6.00	4.90
Wirthmore Stock Feed	Nashua	10.00	11.08	3.00	3.32	11.00	8.17
Wirthmore Sulfaquinoxaline Mixed with Hi-Ener-G Starter and Broiler Ration	Milford	20.00	20.54	3.00	3.20	4.00	2.82
Wirthmore Sulfaquinoxaline Mixture in Wirthmore Improved Hi-Ener-G Starter and Broiler Ration	Nashua	20.00	20.62	3.00	3.14	4.00	3.11
Wirthmore Sulfaquinoxaline in a Poultry Mash Base	Manchester	20.00	20.40	3.00	3.48	4.00	3.32
Wirthmore Sulfaquinoxaline Mixed with Wirthmore Starter and Broiler Ration	Milford	20.00	20.97	3.00	3.37	6.00	4.56
Wirthmore Super Pellets	Manchester	20.00	20.97	3.00	3.44	8.00	5.96
Wirthmore Turkey Fattening Ration	Ashland	16.00	16.99	3.00	3.54	7.00	4.75
Wirthmore Turkey Growing Ration	Milford	20.00	21.15	3.00	3.54	7.50	5.59
Wirthmore Twin-Mix Calf Ration	Nashua	17.00	18.48	4.00	4.01	8.00	6.70
Dailey Mills, Inc. Olean, N. Y.							
Double Diamond Broiler	Derry	20.00	22.25	5.00	3.54	6.00	4.68
Double Diamond Complete Egg Producer (All Mash)	Derry	15.00	17.29	4.00	4.86	8.00	6.02
Double Diamond HiCal Body Builder	Derry	14.00	15.81	3.75	4.01	7.00	7.38
Double Diamond HiCal Starter Broiler	Derry	20.00	20.58	4.50	3.27	3.50	3.40
Double Diamond 16% Milk Producer	Derry	16.00	17.47	3.50	3.51	10.00	10.42
Double Diamond Pig & Hog	Derry	13.00	14.59	4.00	4.37	8.00	6.82
Double Diamond Revitalizer	Derry	13.00	18.48	3.50	5.20	4.00	3.18
Nitrophenide in Double Diamond Broiler	Derry	20.00	21.19	5.00	4.48	6.00	4.40

*Protein and fat not less than, crude fiber not more than.

Manufacturer / Brand		Pounds in 100 lbs. of Feedingstuff					
		Protein		Fat		Crude Fiber	
		Guaranteed*	Found	Guaranteed*	Found	Guaranteed*	Found
Dawes Manufacturing Co. Chicago, Illinois							
Dawes Vitamelk Base	Nashua	34.00	36.64	2.00	3.26	7.00	5.52
Dawes Vitamelk Base Ruminant Type	Dover	34.00	35.20	2.00	5.22	7.00	5.18
Deep Run Packing Co. Dublin, Pennsylvania							
Big Bet Ration — Dog Food	Concord	12.00	11.38	3.00	2.56	1.50	1.35
Dietrich & Gambrill, Inc. Frederick, Maryland							
D & G Breeder Mash	Greenland	22.00	23.08	3.50	3.98	6.80	6.14
D & G Fleshing Mash	Laconia	14.00	15.99	3.50	3.51	6.00	3.65
D & G Frederick 20% Dairy	Greenland	20.00	20.75	3.00	3.22	12.00	10.38
D & G Pen Mar 20% Dairy	Greenland	20.00	20.89	3.50	3.74	10.00	8.47
D & G Pen Mar Horse & Stock Feed	Greenland	10.00	10.03	3.00	3.18	12.00	5.77
D & G Pig & Hog Meal	Greenland	18.00	20.67	3.50	3.80	8.00	7.21
Frederick Laying Mash	Laconia	20.00	20.05	3.50	3.58	8.00	7.40
Gambrills Laying Mash (Pelleted)	Laconia	20.00	21.76	3.50	3.78	8.00	6.21
John C. Dow Co. Gloucester, Massachusetts							
Dows New Improved Vitamin Crumpled (Meal)	Goffstown	24.00	24.91	4.00	4.50	3.50	2.24
Dows Vitimin Crunch Dog Food	Bradford	21.00	23.74	2.50	1.96	2.00	1.34
Drackett Co. Cincinnati, Ohio							
Drackett Soybean Oil Meal	N. Haverhill	44.00	45.53	0.50	1.51	7.00	6.16
Eastern States Farmers' Exchange West Springfield, Massachusetts							
Eastern States All-Mash Breeder	Dover	15.50	16.42	3.00	3.04	5.00	3.46
Eastern States All-Mash Developer	Woodsville	15.50	18.79	3.00	3.38	4.50	3.71
Eastern States All-Mash Producer	Woodsville	15.50	16.12	3.00	3.33	4.50	3.96
Eastern States Breeder Mash	Dover	22.00	22.99	3.00	3.28	4.50	3.65
Eastern States Calf Starter	Dover	20.00	24.34	3.00	3.63	6.00	5.18
Eastern States Calving Ration	Woodsville	10.50	12.69	2.00	3.10	15.00	13.38
Eastern States Champion	Dover	16.00	18.56	2.50	3.28	7.50	6.83
Eastern States Developer	Dover	22.00	22.29	2.50	3.11	4.50	4.37
Eastern States Dog Feed	Dover	24.00	27.19	5.50	6.88	4.00	3.18
Eastern States Fitting Ration	Woodsville	14.00	16.64	3.50	4.48	9.00	7.72
Eastern States Fulpail	Woodsville	20.00	20.19	3.50	4.31	9.00	7.23
Eastern States Hen Supplement (Pellets)	Concord	30.00	31.96	4.00	5.03	7.00	5.88
Eastern States Milkmore	Woodsville	16.00	17.12	3.50	3.87	8.50	6.84
Eastern States Milk Saver	Dover	30.00	33.32	1.00	1.44	2.00	0.74
Eastern States Nitrophenide Mixture in All-Mash Developer	Woodsville	15.50	16.86	3.00	3.32	4.50	3.70
Eastern States Nitrophenide Mixture in Pacemaker	Dover	20.00	20.58	3.00	3.08	4.00	3.14
Eastern States Pig Primer	Woodsville	20.00	21.98	2.50	3.30	7.00	6.08
Eastern States Pork Builder	Dover	15.00	15.99	3.00	3.43	5.00	3.98
Eastern States Producer	Dover	22.00	23.04	2.50	2.68	5.00	3.69
Eastern States Sulfaquinoxaline Mixture in Minuteman	Dover	20.00	20.40	3.00	3.45	4.50	3.69
Eastern States Sulfaquinoxaline Mixture in Turkey Starter (Pellets)	Dover	25.00	28.02	2.50	3.37	4.50	3.75
Eastern States 32% Supplement	Dover	32.00	33.76	3.50	4.12	7.50	7.25

*Protein and fat not less than, crude fiber not more than.

Manufacturer / Brand		Pounds in 100 lbs. of Feedingstuff					
		Protein		Fat		Crude Fiber	
		Guaranteed*	Found	Guaranteed*	Found	Guaranteed*	Found
Eastern States Farmers Exchange (continued)							
Eastern States Sweepstakes	Dover	16.00	17.25	3.50	3.97	8.00	7.56
Eastern States Turkey Breeder (Pellets)	Dover	20.00	21.80	3.00	3.48	5.50	4.52
B. A. Eckhart Milling Co. Chicago, Illinois							
Ecko Pure Wheat Bran	Nashua	14.00	16.29	3.50	3.94	12.00	7.82
Elk Valley Alfalfa Mills Independence, Kansas							
E. V. 17% Fine Ground Alfalfa Meal	Manchester	17.00	17.17	1.75	2.22	27.00	25.17
Elm City Grain Company Keene, New Hampshire							
Elm Tree All Mash Laying	Keene	16.00	16.29	3.50	3.60	8.00	6.81
Elm Tree Dairy Feed	Keene	18.00	20.01	3.50	3.18	11.00	8.49
Elm Tree 14% Fitting Ration	Keene	14.00	14.41	3.50	3.33	11.00	7.73
Elm Tree Growing Mash	Keene	18.00	19.36	3.50	3.68	8.00	7.04
Elm Tree Laying Mash	Keene	19.00	20.71	3.50	3.61	9.00	6.41
Elm Tree Pig & Hog Feed	Keene	14.00	16.25	4.00	4.68	10.00	6.56
Elm Tree Poultry Fitting	Keene	10.00	10.55	3.00	3.49	9.00	6.39
Elm Tree Provender	Keene	10.00	9.81	3.50	3.98	8.00	7.08
Sulfaquinoxaline in Elm Tree Chick Starter	Keene	20.00	21.28	4.00	4.26	8.00	5.40
Elmore Milling Company Oneonta, New York							
Elmore Breeder Mash	E. Jaffrey	20.00	22.29	3.50	4.28	8.00	5.58
Elmore Complete Growing Ration	E. Jaffrey	14.00	21.02	3.50	4.23	8.00	5.89
Elmore Complete Layer and Breeder (Pellets)	E. Jaffrey	15.00	19.31	3.50	4.32	8.00	6.21
Elmore Complete Market Egg Mash	E. Jaffrey	15.00	19.96	3.50	4.62	8.00	6.12
Elmore Complete Market Egg Mash (Pelleted)	E. Jaffrey	15.00	19.75	3.50	4.37	8.00	5.92
Elmore Complete Rabbit Ration	E. Jaffrey	16.00	16.33	3.50	3.13	10.00	7.94
Elmore Dog Food	E. Jaffrey	22.00	23.12	4.50	5.09	3.00	3.94
Elmore Dry and Freshening Ration	Concord	12.00	13.49	3.25	4.25	9.00	8.99
Elmore Dry and Freshening Ration	Concord	12.00	12.92	3.25	4.21	9.00	8.97
Elmore Flaked Pelleted Calf Starter	Greenland	18.00	19.96	2.50	4.42	8.00	7.39
Elmore Grand Champion Ration	Concord	15.00	13.49	3.50	3.97	9.00	8.73
Elmore Horse Feed	E. Jaffrey	9.00	10.42	2.50	3.18	11.00	5.90
Elmore M.A.C. Laying Mash	E. Jaffrey	20.00	23.82	4.00	4.28	8.00	5.26
Elmore Milk Grains "Sixteen"	E. Jaffrey	16.00	18.61	4.00	4.36	9.00	7.58
Elmore Pacemaker 16% Dairy Ration	Greenland	16.00	19.09	3.00	4.47	10.00	7.32
Elmore Pacemaker Fitting Ration	E. Jaffrey	14.00	14.48	3.50	3.87	9.00	6.22
Elmore Pure Ground Corn and Oats	E. Jaffrey	10.00	11.69	3.50	3.92	7.00	5.90
Elmore Test Ration	Concord	18.00	17.31	4.00	3.68	9.00	6.18
Elmore Turkey Fitting Ration	Concord	12.00	11.84	3.00	2.76	10.00	6.41
John W. Eshelman & Sons Lancaster, Pennsylvania							
Eshelman Pennsy 16 Dairy Ration	Keene	16.00	18.17	3.00	3.82	12.00	9.21
Eshelman's R-R Breeder Mash Pelleted	Keene	20.00	21.85	3.50	3.90	7.00	5.96
Eshelman R-R Calf Grower	Keene	14.00	18.04	3.00	3.12	9.00	7.26
Eshelman Red Rose Calf Starter	Exeter	18.00	19.09	3.00	2.74	8.00	6.96
Eshelman R-R 16% Dairy Feed	Keene	16.00	16.51	3.50	4.11	9.50	8.17
Eshelman R-R Fitting Ration	Keene	12.00	12.30	3.50	4.33	7.00	6.70

*Protein and fat not less than, crude fiber not more than.

Manufacturer / Brand		Pounds in 100 lbs. of Feedingstuff					
		Protein		Fat		Crude Fiber	
		Guaranteed*	Found	Guaranteed*	Found	Guaranteed*	Found
John W. Eshelman & Sons (continued)							
Eshelman R-R Goat Ration	Keene	16.00	17.03	3.00	3.40	10.00	5.75
Eshelman Red Rose Hi-Lo Broiler	N. Hampton	20.00	22.25	3.50	3.58	5.00	4.16
Eshelman Red Rose Laying Mash	Keene	19.00	22.76	3.50	3.74	9.00	6.18
Eshelman Red Rose Pig & Sow Meal	N. Hampton	20.00	20.93	3.50	4.38	6.00	5.70
Eshelman R-R Rabbit Pellets	Keene	18.00	20.27	3.00	3.16	12.00	10.21
Eshelman Red Rose 14 Test Cow Ration	N. Hampton	14.00	13.87	3.50	3.66	8.50	6.61
Eshelman S. O. S.	Keene	11.00	14.41	2.00	2.98	16.00	14.98
Red Rose Fitting Ration	Keene	12.00	13.27	3.50	3.36	7.00	6.38
Red Rose Horse Feed	Keene	9.00	9.81	3.00	3.43	10.00	5.85
Evans Industries Inc. Marion, Indiana							
Better Bite Dog Food	Derry	16.00	11.04	4.00	4.01	0.50	0.41
Farmers Feed Company Buffalo, New York							
Dried Brewers Grains	Newfields	24.00	24.21	6.00	6.01	17.00	14.05
Florida Citrus Canners Cooperative Lake Wales, Florida							
Lake Wales Brand Citrus Pulp	Colebrook	6.00	6.83	3.00	3.01	16.00	12.57
Foodland Inc. Cleveland, Ohio							
Mrs. Lane's Dog Food	Somersworth	9.00	10.71	1.50	2.27	1.25	0.51
Fowler Brothers Suncook, New Hampshire							
Sun Valley All Mash Breeder	Suncook	15.00	16.51	3.00	4.12	7.50	5.27
Sun Valley Breeder Mash	Suncook	20.00	20.32	3.00	4.27	7.50	5.34
Sun Valley Chick Starter	Suncook	20.00	22.33	3.00	3.85	7.00	5.30
Sun Valley Dairy Ration	Suncook	16.00	16.77	3.50	3.52	10.00	7.55
General Mills, Larrome Division Detroit, Michigan							
Dried Beet Pulp	Dover	7.00	7.93	0.30	0.74	22.50	19.12
General Mills, Inc. Minneapolis, Minnesota							
Farm Service 20% Broiler Mash	Exeter	20.00	21.85	3.00	5.33	6.00	4.77
Farm Service Complete Breeder Mash	Nashua	16.00	16.07	3.50	4.22	7.50	5.80
Farm Service 16% Dairy Feed	Nashua	16.00	15.65	3.00	3.70	11.00	6.60
Farm Service 20% Dairy Feed	Exeter	20.00	21.45	3.00	3.26	12.00	6.87
Farm Service 14% Fitting Ration	Exeter	14.00	15.68	3.50	3.96	9.50	6.98
Farm Service Green Rabbit Pellets	Exeter	15.00	15.85	3.00	3.60	16.00	15.17
Farm Service 18% Grower Mash	Nashua	18.00	18.44	4.00	4.39	7.00	6.98
Farm Service Horse Feed	Nashua	9.00	9.85	3.00	3.50	9.50	6.36
Farm Service 20% Layer Mash	Nashua	20.00	20.01	3.00	4.32	7.50	6.39
Farm Service Nitrosal Mix in Farm Service 20% Broiler Mash	Exeter	20.00	20.80	3.50	4.80	6.00	4.46
Farm Service Special Complete Hog Grower and Fattener	Exeter	14.00	14.36	4.50	5.00	5.50	3.90
Larro Broiler Feed	Exeter	20.00	22.47	3.00	3.28	5.50	4.12
Larro Broiler Supplement (Pellets)	Exeter	18.00	19.61	2.50	3.31	6.00	5.18
Larro Calf Builder	Laconia	24.00	24.92	2.50	2.98	6.00	4.75
Larro Chick Builder	Exeter	20.00	22.07	3.00	3.45	7.50	5.81
Larro Dairy Concentrate	Exeter	32.00	35.20	2.00	3.20	11.00	7.61

*Protein and fat not less than, crude fiber not more than.

Manufacturer / Brand		Pounds in 100 lbs. of Feedingstuff					
		Protein		Fat		Crude Fiber	
		Guaranteed*	Found	Guaranteed*	Found	Guaranteed*	Found
General Mills, Inc. (continued)							
Larro 16% Dairy Feed	Lancaster	16.00	16.86	2.50	2.72	12.00	9.09
Larro 20% Dairy Feed	Lancaster	20.00	21.67	2.50	**2.22**	12.00	9.05
Larro 20% Dairy Feed	Walpole	20.00	21.50	2.50	2.31	12.00	9.20
Larro Dog Food	Exeter	24.50	24.87	4.50	5.56	6.00	5.02
Larro Egg Mash	Nashua	20.00	23.34	2.50	3.58	8.00	6.54
Larro Green Pellets for Rabbits	Laconia	15.00	16.12	2.00	3.48	19.00	16.95
Larro Nitrosal Mix in Larro Broiler Feed	Exeter	20.00	22.90	3.00	3.08	5.50	4.30
Larro Poultry Breeder Mash	Laconia	20.00	22.38	2.50	3.04	8.00	6.60
Larro Sow & Pig Builder	Exeter	17.00	18.83	3.00	3.48	6.00	4.72
Larro Sulfaquinoxaline Mixture in Larro Chick Builder	Exeter	20.00	22.33	3.00	3.36	7.50	5.32
Larro Turkey Builder	Exeter	24.00	25.48	3.00	3.16	7.50	6.09
Larro Turkey Finisher	Exeter	27.00	29.20	2.50	2.79	8.00	5.27
Sulfaquinoxaline in Larro Broiler Feed	Walpole	20.00	22.20	3.00	**2.70**	5.50	4.23
Vigor 20% Dairy Feed	Nashua	20.00	21.67	3.00	3.66	12.00	10.97
Washburn's Gold Medal Hard Wheat Bran and Ground Wheat Screenings	Woodsville	14.00	16.12	3.50	4.83	12.00	9.65
The Glidden Company, Feed Mill Div., Indianapolis, Indiana							
Glidden's Nitrophenide in Glidden Super Broiler Ration	Keene (Farm)	21.00	22.60	3.00	4.06	4.50	3.66
Glidden Company Soya Products Div., Chicago, Illinois							
Glidden 44% Solvent Extracted Soybean Oil Meal	Manchester	44.00	44.61	0.50	2.02	7.00	5.52
Hi-Pro-Soy Solvent Extracted Soybean Oil Meal	Manchester	50.00	50.14	0.50	0.96	3.00	2.42
D. H. Grandin Company Jamestown, New York							
Grandin's All Mash Grower (Pellets)	Somersworth	14.00	14.50	3.00	4.52	6.50	5.67
Grandin's All Mash Layer	Keene	15.00	15.68	3.00	4.02	6.50	6.17
Grandin's Breeder Mash	Keene	20.00	20.49	3.00	4.97	6.50	5.82
Grandin's Bull Feed	Somersworth	12.00	11.79	3.00	3.32	11.00	7.06
Grandin's Calf Starter	Keene	18.00	18.48	3.00	4.23	10.00	6.25
Grandin's Complete Chick Starter	Keene	25.00	24.77	3.00	2.80	6.00	5.42
Grandin's 14 Fitting Ration	Keene	14.00	14.19	3.50	3.68	10.00	6.54
Grandin's Goat Feed	Somersworth	16.00	**15.04**	3.50	3.38	10.00	7.48
Grandin's Hi-Pro Pellets	Keene	22.00	22.03	3.00	4.53	6.50	6.60
Grandin's Horse Feed	Keene	9.50	10.59	3.50	3.51	11.00	6.13
Grandin's Laying Mash	Keene	20.00	20.01	3.00	3.90	6.50	6.14
Grandin's 16 Milk Maker	Keene	16.00	16.99	3.50	4.05	10.00	8.15
Grandin's 20 Milk Maker	Somersworth	20.00	22.03	3.50	3.55	10.00	6.74
Grandin's Pig & Hog Feed	Keene	18.00	18.87	3.50	5.12	10.00	5.70
Grandin's Rabbit Pellets	Somersworth	14.00	13.80	2.00	3.90	18.00	10.78
Grandin's Start-to-Finish Mash	Keene	20.00	22.29	3.00	4.41	6.50	6.30
Grandin's Stock Feed	Somersworth	9.00	10.29	3.50	**3.08**	12.00	8.77
Grandin's Succulent Feed	Somersworth	9.00	10.64	1.00	2.77	19.00	12.84
Grandin's 16 Test Ration	Keene	16.00	16.99	3.50	4.18	10.00	7.65
Grandin's Turkey Grower	Somersworth	20.00	20.93	3.00	3.17	6.50	6.88
Grandin's Turkey Starter	Somersworth	26.00	27.45	3.00	3.54	6.00	5.25
Sulfaquinoxaline in Grandin's Complete Chick Starter	Keene	25.00	**23.79**	3.00	3.39	6.00	6.20

*Protein and fat not less than, crude fiber not more than.

Manufacturer / Brand		Pounds in 100 lbs. of Feedingstuff					
		Protein		Fat		Crude Fiber	
		Guaranteed*	Found	Guaranteed*	Found	Guaranteed*	Found
D. H. Grandin Company (continued)							
Sulfaquinoxaline in Grandin's Start-to-Finish Mash	Keene	20.00	21.58	3.00	4.32	6.50	6.22
Sulfaquinoxaline in Grandin's Super Starter & Broiler Ration	Keene	20.00	21.32	3.00	3.66	4.50	3.77
The Great A & P Company New York, New York							
Daily Diet 1 Dog Food	Claremont	12.00	12.39	3.00	4.72	1.50	1.42
Daily Diet 2 Dog Food	Claremont	12.00	11.74	3.00	3.58	1.50	1.35
Daily Dog Food	Claremont	23.00	25.39	3.50	5.01	4.50	2.58
Hales & Hunter Company Chicago, Illinois							
Gold Flake 16½ Dairy	Lebanon	16.50	18.00	2.00	2.26	15.00	9.19
Pioneer Calf Starter	Lebanon	18.00	19.35	2.50	3.06	8.50	6.55
Pioneer 15 Dairy	Lebanon	15.00	19.05	3.00	3.33	9.00	8.21
Pioneer Dairy Bull	Lebanon	12.00	14.01	3.00	3.92	12.00	6.70
Pioneer Dairy Sup-Pel	Lebanon	18.00	22.77	3.00	4.13	9.00	7.20
Pioneer Dry & Freshening	Lebanon	12.00	12.78	2.50	3.51	10.00	7.56
Pioneer Hog Ration 15	Lebanon	15.00	16.34	2.50	3.57	8.00	6.24
Pioneer Pelleted Flaked 15 Dairy	Lebanon	15.00	16.82	3.00	3.71	9.00	6.88
Pioneer Rabbit Feed	Lebanon	16.00	18.13	2.00	3.56	15.00	10.42
Pioneer Sow & Pig 21	Lebanon	21.00	22.51	2.50	3.40	8.50	7.19
Red Comb Egg Mash	Lebanon	20.00	21.19	3.00	3.34	7.00	6.47
Red Comb Growing Mash	Lebanon	18.00	20.18	3.00	3.56	7.00	5.68
Harper Feed Mills, Inc. Washington, Pennsylvania							
Harco Breeder Mash	Derry	22.00	27.10	3.00	3.47	6.50	5.82
Harco Complete Breeder Ration	Derry	18.00	23.16	3.00	3.18	7.00	5.50
Harco Complete Growing Ration	Derry	16.00	17.38	3.00	4.16	7.50	5.53
Harco Complete Laying Ration Pellets	Derry	16.00	21.72	3.00	3.68	7.50	4.52
Harco Dairy Fitting Ration	Derry	14.00	13.26	3.00	3.16	10.00	4.76
Harco Fattening Mash Station Feed	Derry	12.00	14.67	3.00	4.18	6.00	5.54
Harco Growing Mash	Derry	18.00	21.32	3.00	3.75	7.00	5.85
Harco Horse Feed	Derry	9.00	8.84	2.00	2.82	10.00	5.88
Harco Laying Mash Pellets	Derry	20.00	21.89	3.00	3.41	7.50	4.80
Harco Nitrophenide in Harco Complete Starter Broiler Ration	Derry	18.00	20.23	3.00	3.63	6.50	5.70
Harco Poultry Fitting Ration	Derry	10.00	12.69	3.00	3.63	11.00	7.05
Harco Short Feed Station Fattener Pellets	Derry	15.00	15.29	3.00	3.65	6.50	5.46
Harper Finisher Pellets	Derry	15.00	19.66	3.00	4.06	7.50	4.28
Nitrophenide Harco Chick Starter Mash	Derry	20.00	21.94	3.00	3.84	5.50	4.07
Nitrophenide in Harco Special Hi-Energy Broiler Mash	Derry	20.00	22.77	3.00	3.82	4.50	3.64
Highland Products Minneapolis, Minnesota							
Hi-Nutra	Greenland	25.00	24.52	4.50	6.32	2.00	1.58
H. P. Hood & Sons Boston, Massachusetts							
Hoods Calf Starter	Franklin	28.00	30.12	3.00	3.50	4.00	3.64
Hood Mills Company Baltimore, Maryland							
Hood's Pulverized Grain	Manchester	11.00	11.47	2.00	2.56	13.00	13.55

*Protein and fat not less than, crude fiber not more than.

Manufacturer / Brand		Pounds in 100 lbs. of Feedingstuff					
		Protein		Fat		Crude Fiber	
		Guaranteed*	Found	Guaranteed*	Found	Guaranteed*	Found
E. C. & W. L. Hopkins, Inc.							
Greenfield							
Granite State Breeder Mash	Greenfield	20.00	21.28	3.00	3.97	7.50	6.37
Granite State Complete Breeder Mash	Weare	16.00	15.79	3.00	4.36	7.00	4.20
Granite State Complete Mash	Hillsboro	15.00	17.16	3.00	4.60	7.00	5.92
Granite State 16% Dairy Feed	Greenfield	16.00	19.62	3.50	5.34	9.00	7.55
Granite State 20% Dairy Feed	Greenfield	20.00	21.94	4.00	4.09	10.00	7.58
Granite State 20% Dairy Feed	Hillsboro	20.00	22.99	4.00	5.20	10.00	8.96
Granite State Egg Mash	Hillsboro	20.00	20.67	4.00	4.70	7.50	6.95
Granite State Fitting Ration	Hillsboro	14.00	15.11	3.00	3.52	8.00	6.75
Granite State Growing Mash	Greenfield	19.00	20.14	3.00	5.34	8.00	6.10
Granite State Hog Ration	Hillsboro	17.50	18.17	3.00	4.03	7.00	5.35
Granite State Horse Feed	Greenfield	10.00	11.08	3.00	3.01	8.00	5.52
Granite State Stock Feed	Hillsboro	8.00	8.23	4.00	5.61	10.00	9.26
Provender	Greenfield	10.00	9.46	4.00	2.65	10.00	5.28
Sulfaquinoxaline in Granite State Chick Starter	Greenfield	20.00	22.68	3.00	5.01	6.50	5.02
Sulfaquinoxaline in- Granite State Complete Growing Mash	Greenfield	15.00	16.51	3.00	3.87	7.00	5.25
Humphrey's-Godwin Company							
Memphis, Tennessee							
Dixie Brand 41% Cottonseed Meal	N. Haverhill	41.00	41.24	4.00	4.68	12.00	12.63
International Milling Company							
Minneapolis, Minnesota							
Blackhawk Standard Wheat Brand with Ground Wheat Screenings	Concord	15.00	17.08	2.50	4.80	12.00	10.33
Blackhawk Wheat Bran with Ground Wheat Screenings not exceeding 8%	W. Lebanon	15.00	17.78	2.50	5.38	12.00	9.49
Blackhawk Wheat Flour Middlings	Exeter	15.00	14.61	2.00	3.18	4.00	2.55
Blackhawk Wheat Standard Middlings	Laconia	15.00	17.04	3.00	5.96	9.50	7.65
Target Wheat Red Dog	Ashland	15.00	16.82	2.00	2.62	4.00	2.06
Target Wheat Red Dog	Colebrook	15.00	15.02	2.00	3.12	4.00	2.38
John Jervis Grain Co. Ltd.							
Toronto, Ontario							
Jervis Pure Wheat Shorts	Manchester	16.00	17.08	5.00	5.01	8.00	7.01
R. P. Johnson & Son							
Potter Place							
Johnson's Chick Starter	Potter Place	16.00	20.36	3.00	4.61	10.00	5.75
Johnson's Complete Laying Mash	Potter Place	15.00	16.34	3.00	3.91	8.00	5.82
Johnson's Dairy Feed	Potter Place	16.00	18.26	3.00	3.03	9.00	7.21
Johnson's Growing Mash	Potter Place	14.00	15.85	3.00	3.94	9.00	5.74
Johnson's Laying Mash	Potter Place	18.00	18.65	4.00	4.11	8.00	5.99
Johnson's Pig & Hog Feed	Potter Place	15.00	17.43	2.00	3.60	7.00	5.78
Kasco Mills							
Waverly, New York							
Kasco All Mash Layer Ration	Nashua	15.00	17.56	3.00	3.73	7.50	5.54
Kasco Beatsall Milk Grains 16%	Rochester	16.00	18.17	3.50	4.15	10.00	7.90
Kasco Beatsall Milk Grains 20%	Nashua	20.00	17.76	3.50	3.70	10.00	7.50
Kasco Body Builder	Nashua	15.00	17.69	3.00	3.86	7.00	5.18
Kasco Chick Starter	Nashua	20.00	21.54	3.00	3.60	5.50	4.17
Kasco Complete Dog Ration	Claremont	25.00	28.55	7.00	9.41	4.00	3.46
Kasco Fitting Ration	Nashua	14.00	16.11	3.50	3.61	10.00	7.41
Kasco Growing Mash	Nashua	18.00	19.13	3.00	3.74	7.50	5.90

*Protein and fat not less than, crude fiber not more than.

Manufacturer / Brand		Pounds in 100 lbs. of Feedingstuff					
		Protein		Fat		Crude Fiber	
		Guaranteed*	Found	Guaranteed*	Found	Guaranteed*	Found
Kasco Mills (continued)							
Kasco Pork Producer	Rochester	15.00	18.30	3.00	4.11	6.50	4.87
Kasco Poultry Breeder Mash	Nashua	20.00	21.59	3.00	3.32	7.50	6.40
Kasco Turkey Grower	Nashua	20.00	21.54	3.00	3.34	7.50	5.90
Spencer Kellog & Son Decatur, Illinois							
Spencer Kellogs Old Process Expeller Linseed Oil Meal	Dover	34.00	34.46	3.50	4.09	9.00	8.68
Spencer Kellogs Toasted Solvent Extracted Soybean Oil Meal	Dover	44.00	44.53	0.50	1.18	7.00	5.90
Kellogg Company Battle Creek, Michigan							
Kellogg's Hominy Feed	Greenfield	10.00	8.73	6.00	7.08	5.00	3.91
Kellogg's Hominy Feed	Manchester	10.00	9.37	6.00	7.41	5.00	3.64
Kennel Food Supply Company Fairfield, Connecticut							
Sportsmans Dog Meal	Concord	20.00	19.13	2.00	2.90	3.00	2.28
Keystone Dehydrators Nazareth, Pennsylvania							
Keystone Super-Green Dehydrated Alfalfa Meal	Greenfield	17.00	17.47	2.90	3.22	27.00	24.94
Kuder Pulp Sales Co. Lake Alfred, Florida							
Kuder Dried Citrus Pulp	Woodsville	6.00	6.01	3.00	1.78	13.00	9.51
Kuder Dried Citrus Pulp High Sugar	Manchester	6.00	6.01	5.00	4.60	13.00	11.06
Lauhoff Grain Company Danville, Illinois							
Vermillion Hominy Feed	Concord	9.00	9.63	5.00	4.86	6.00	4.30
L. B. Lovitt & Company Memphis, Tennessee							
"Lovit Brand" 41% Protein Cottonseed Meal Prime Quality	Rochester	41.00	39.40	4.00	7.00	13.00	11.70
Luxemburg Milling Company Luxemburg, Yisconsin							
Standard Wheat Middlings	Colebrook	14.00	12.31	3.00	2.01	9.00	2.13
Maine Fish Meal Company Portland, Maine							
Maine Concentrate	Concord	52.00	52.71	12.00	16.34	1.00	0.43
Maine Starter Broiler Supplement	Concord	52.00	53.59	10.00	16.20	1.00	0.20
Mapleleaf Milling Company Toronto, Canada							
Rex Wheat Bran with Screenings	Ashland	15.00	15.64	3.50	4.78	12.00	9.54
Maritime Milling Company Buffalo, New York							
Amino-Nitrothiazole (Enheptin) Mixture in B-B Maco Complete Turkey Growing Ration	Newfields	22.00	22.86	3.50	3.17	5.00	4.07
B-B Calf Meal	Newfields	22.00	20.36	4.00	3.41	5.00	6.34
B-B Conditioning Mash	Keene	14.00	14.85	3.00	3.15	6.00	2.91

*Protein and fat not less than, crude fiber not more than.

Manufacturer / Brand		Pounds in 100 lbs. of Feedingstuff					
		Protein		Fat		Crude Fiber	
		Guaranteed*	Found	Guaranteed*	Found	Guaranteed*	Found
Maritime Milling Co. (continued)							
Bull Brand Dry and Fresh Cow Fitting Ration	Newfields	13.00	14.10	3.00	3.16	10.00	8.23
B-B Horse Feed	Newfields	9.00	11.56	3.00	3.08	10.00	7.04
B-B Ma-Co Breeder Mash	Newfields	21.00	24.22	3.00	3.04	5.00	3.28
B-B Maco Broiler Ration	Keene	22.00	22.38	3.00	2.65	4.00	3.52
B-B Maco Complete Turkey Starter Ration	Newfields	26.00	26.58	3.50	2.93	5.00	3.44
B-B Ma-Co Egg Mash	Newfields	21.00	22.68	3.00	2.88	5.00	3.71
B-B Maco 30% Protein Turkey Pellets	Newfields	30.00	30.60	3.50	3.40	5.00	3.99
B-B Ma-Co Sulfaquinoxaline Mixture in B-B Maco Broiler Ration	Newfields	22.00	23.03	2.50	3.02	3.50	2.93
B-B Maco Sulfaquinoxaline Mixture in B-B Maco Broiler Ration	Keene	22.00	23.29	3.00	3.08	4.00	3.42
B-B Maco Turkey Fitting Ration	Newfields	11.00	10.22	3.50	3.51	6.00	3.37
B-B Nitrophenide Mixture in B-B Maco Broiler Ration	Keene	22.00	22.16	3.00	3.15	4.00	3.20
B-B Pasture Supplement	Newfields	13.00	12.78	3.00	3.81	15.00	12.85
B-B "18" Test Cow Ration	Newfields	18.00	20.14	5.00	5.12	8.50	7.88
Hi-Test Hog Feed	Newfields	14.00	16.73	3.50	2.51	8.00	6.75
Marmico 16% Protein Dairy Feed	Newfields	16.00	17.95	3.00	4.82	12.00	9.86
Nitrophenide Mixture in B-B Maco Broiler Ration	Newfields	22.00	22.29	2.50	2.99	3.50	2.92
Sulfaquinoxaline Mixture in B-B Maco Complete Turkey Starter Ration	Newfields	26.00	26.01	3.50	3.51	5.00	3.76
Sweetened B-B "16" Dairy Ration	Keene	16.00	19.22	4.00	3.66	9.00	8.10
Sweetened Bull Brand "20" Dairy Ration	Newfields	20.00	21.59	4.00	4.49	9.00	7.35
Martin Food Company Boston 18, Massachusetts							
Martin Fisher 100% Horsemeat Dog Food	Concord	18.00	19.37	3.00	3.56	1.00	0.11
McDonald & Robb Ltd. Valleyfield P. O., Canada							
Wheat Bran	Concord	15.00	17.25	3.50	4.75	11.30	10.12
Merrimack Farmers Exchange, Inc. Concord, New Hampshire							
Merrimack All Mash	Concord (Farm)	15.00	16.73	3.50	4.07	7.00	5.71
Merrimack All Mash	Franklin	15.00	16.29	3.50	4.03	7.00	6.38
Merrimack Breeder Mash (Pelleted)	Henniker	20.00	22.12	3.50	3.57	7.00	5.37
Merrimack Calf Meal	Goffstown	20.00	20.93	4.50	4.54	7.00	5.62
Merrimack Calf Starter and Growing Ration	Goffstown	12.00	15.11	3.00	3.08	12.00	8.70
Merrimack Calving Ration	Goffstown	12.00	13.23	3.00	2.64	15.00	11.40
Merrimack Chick Starter	Franklin	20.00	22.55	3.00	3.50	7.00	5.44
Merrimack Complete Grower	Franklin	15.00	16.16	3.00	3.77	8.00	5.76
Merrimack Complete Layer	Franklin	15.00	16.47	3.50	3.84	7.00	5.78
Merrimack 16% (Fine Dairy Ration)	Goffstown	16.00	16.99	3.00	3.71	10.00	8.17
Merrimack 16% Dairy Ration	Manchester (Farm)	16.00	16.25	3.50	3.51	9.00	6.64
Merrimack 16% Dairy Ration	Plymouth	16.00	17.60	3.50	3.99	9.00	7.43
Merrimack 16% Dairy Ration	Laconia (Farm)	16.00	16.29	3.50	3.85	9.00	6.45
Merrimack 20% Dairy Ration	Henniker	20.00	20.36	3.50	3.51	8.50	7.04
Merrimack Fast-Gro Broiler (Pelleted)	Franklin	22.00	23.65	3.00	3.48	4.50	3.54

*Protein and fat not less than, crude fiber not more than.

Manufacturer / Brand		Pounds in 100 lbs. of Feedingstuff					
		Protein		Fat		Crude Fiber	
		Guaranteed*	Found	Guaranteed*	Found	Guaranteed*	Found
Merrimack Farmers Exchange, Inc. (continued)							
Merrimack 14% Fitting Ration	Manchester (Farm)	14.00	15.50	3.50	3.86	9.00	6.80
Merrimack 14% Fitting Ration	Concord (Farm)	14.00	15.72	3.50	3.86	9.00	6.64
Merrimack 14% Fitting Ration	Franklin	14.00	16.25	3.50	4.51	9.00	7.90
Merrimack 14% Fitting Ration	Laconia (Farm)	14.00	14.94	3.50	3.93	9.00	6.71
Merrimack Fodder Ration	Goffstown	10.00	10.86	1.50	1.88	20.00	18.82
Merrimack Growing Mash	Manchester (Farm)	17.00	18.57	3.50	3.57	8.00	6.14
Merimack Horse Feed	Franklin	11.00	12.22	3.50	3.72	10.00	7.05
Merrimack Laying Mash	Manchester (Farm)	19.00	20.71	3.50	4.01	7.00	5.74
Merrimack Pig Feed	Manchester (Farm)	17.00	17.82	3.00	3.80	7.00	5.74
Merrimack Pig Feed	Laconia (Farm)	17.00	18.12	3.00	4.32	7.00	6.28
Merrimack Pig Feed	Franklin	17.00	18.61	3.00	4.57	7.00	6.22
Merrimack Poultry Fitting Ration	Rochester	13.50	12.85	3.00	3.43	8.00	5.12
Merrimack Provender	Plymouth	9.00	9.94	3.50	3.28	10.00	5.34
Merrimack Provender	Bradford	9.00	9.20	3.50	4.25	10.00	5.88
Merrimack Rabbit Pellets	Henniker	20.00	21.89	2.25	3.91	12.00	9.83
Merrimack Sheep and Goat Ration	Rochester	14.00	15.64	2.50	3.64	9.00	6.45
Merrimack 18% Special Dairy Ration	Franklin	18.00	19.49	3.50	4.02	8.50	6.55
Merrimack Starter and Broiler Ration	Goffstown	22.00	22.03	3.00	3.55	5.50	4.37
Merrimack Sulfaquinoxaline in Complete Grower	Goffstown	15.00	15.20	3.00	3.46	8.00	5.60
Merrimack Sulfaquinoxaline in All Mash	Goffstown	15.00	16.69	3.50	3.92	7.00	6.12
Merrimack Sulfaquinoxaline in Merrimack Fast-Gro Broiler	Franklin	22.00	23.43	3.00	3.51	4.50	3.33
Merrimack Sulfaquinoxaline in Merrimack Starter and Broiler Ration	Goffstown	22.00	22.95	3.00	3.33	5.50	4.70
Merrimack Turkey Growing Mash	Plymouth	20.00	22.04	3.00	3.58	8.00	6.36
Merrimack Turkey Growing Mash	Manchester	20.00	22.12	3.00	3.40	8.00	6.43
Sweetened Oat Feed	Goffstown	3.00	4.07	1.00	1.21	32.50	23.37
Miller Alfalfa Company Defiance, Ohio							
Dehydrated Alfalfa Meal (17% Miller's Choice Brand)	Suncook	17.00	18.48	1.50	2.50	27.00	27.63
Minute Maid Corporation Leesburg, Florida							
Golden Isle Citrus Pulp	Henniker	6.00	5.65	3.00	4.33	18.00	11.05
Geo. Q. Moon & Co., Inc. Binghamton, New York							
Moon Breeder Mash	Salem Depot	20.00	18.74	4.00	5.04	8.00	6.80
Moon Complete Growing Mash	Salem Depot	16.00	16.25	3.50	4.55	7.00	6.02
Moon Complete Growing Mash with Sulfaquinoxaline	Salem Depot	16.00	17.43	3.50	4.19	7.00	6.16
Moon Complete Starter & Broiler Mash	Salem Depot	17.50	18.83	3.50	4.05	7.00	6.78
Moon Fitting Ration with Pellets	Salem Depot	13.00	14.94	4.00	4.64	9.00	6.43
Moon Hog Feed	Salem Depot	13.00	14.54	3.00	4.64	12.00	7.65
Moon Laying Mash	Salem Depot	20.00	19.44	3.50	4.86	7.00	6.40
Moon N.E. Complete Growing Mash	Salem Depot	16.00	17.52	3.00	4.22	9.00	8.55
Moon N.E. Complete Laying Mash	Salem Depot	16.00	17.08	3.00	4.87	9.00	7.82
Moon Special A 16% Dairy Ration	Salem Depot	16.00	21.19	3.50	5.16	10.00	8.23
Moon Special A 20% Dairy Ration with Pellets	Salem Depot	20.00	19.29	3.50	4.72	10.00	8.28

*Protein and fat not less than, crude fiber not more than.

Manufacturer / Brand		Pounds in 100 lbs. of Feedingstuff					
		Protein		Fat		Crude Fiber	
		Guaranteed*	Found	Guaranteed*	Found	Guaranteed*	Found
Geo. Q. Moon Co., Inc. (continued)							
Moon Sulfaquinoxaline Mixture in Moon Complete Starter & Broiler Mash	Salem Depot	17.50	19.00	3.50	5.15	7.00	6.36
Moon Super Broiler Ration	Salem Depot	20.00	20.62	3.00	4.38	4.50	3.14
Mount Vernon Milling Co. Mount Vernon, Indiana							
Poco Hominy Feed	Manchester	10.00	9.02	5.50	4.48	6.00	3.14
National Pet Foods Buffalo, New York							
Kalico Kat-Cat Food	Concord	12.00	13.48	4.00	6.51	1.00	0.52
The Neumond Company St. Louis, Missouri							
Neumond's Suncured Dairy Cut Alfalfa	Colebrook	13.00	15.85	1.00	1.29	33.00	29.68
Odgen Grain Company Utica, New York							
Odgen "Biddy Mash"	Goffstown	20.00	20.84	2.50	3.49	7.50	6.15
Odgen Body Builder Pellets	Goffstown	20.00	20.58	3.00	3.42	7.00	6.31
Odgen Complete Starter Grower Layer Breeder	Goffstown	16.00	17.51	2.50	3.65	7.50	5.65
Odgen 16% Dairy Feed	Goffstown	16.00	17.91	3.50	3.73	9.00	7.37
Odgen Growing Mash	Goffstown	18.00	20.10	3.50	3.82	7.50	6.62
Odgen Layer & Breeder	Goffstown	20.00	21.01	3.50	3.64	7.00	7.20
Odgen Poultry and Turkey Fitting Ration	Goffstown	10.00	10.33	3.00	2.77	8.00	4.30
Odgen Rabbit Pellets	Goffstown	16.50	17.21	3.00	3.91	13.00	11.54
Odgen Starter & Broiler	Goffstown	20.00	20.01	3.50	4.09	7.00	5.28
Odgen Sulfaquinoxaline Mixture in Odgen Hi Energy Starter & Broiler	Goffstown	22.00	22.38	3.00	3.90	4.00	3.78
Odgen Sulfaquinoxaline in Odgen Starter & Broiler	Goffstown	20.00	21.63	3.50	3.59	7.00	6.22
Odgen Super Pig Ration	Goffstown	14.00	13.63	3.50	4.46	7.00	6.99
Oswego Soy Products, Corp. Oswego, New York							
Big "O" 44% High Protein Soybean Meal Concentrate	Potter Place	44.00	44.31	0.50	1.93	7.00	5.14
Soy Bean Oil Meal Toasted Extracted	Suncook	44.00	45.49	0.50	2.53	7.00	5.70
Pabst Brewing Company Peoria, Illinois							
Pabst Hominy Feed	Salem Depot	10.00	10.68	5.00	5.99	6.00	4.23
The Park & Pollard Co., Inc. Buffalo, New York							
Corn & Oats Half & Half	Colebrook	10.00	9.66	3.00	3.57	8.00	5.21
Lay or Bust All Mash Breeder	Lebanon	15.00	18.39	2.50	3.53	7.00	6.15
Lay or Bust All Mash Grower	Colebrook	14.50	16.07	2.50	3.56	7.00	5.78
Lay or Bust Breeder Mash (Pelleted)	Lebanon	20.00	20.89	2.50	3.57	7.50	5.13
Lay or Bust Chick Starter	Manchester	20.00	21.50	2.50	3.36	6.00	4.91
Lay or Bust Egg Mash	Lebanon	20.00	21.06	2.50	3.57	7.50	6.66
Lay or Bust Fleshing Pellets	Lebanon	15.00	16.29	2.50	3.88	6.50	5.64
Lay or Bust Growing Pellets	Colebrook	18.00	18.01	2.50	4.19	7.50	5.64
Lay or Bust Hi-Power Broiler Ration	Hillsboro	20.00	22.47	3.00	3.50	4.00	3.54

*Protein and fat not less than, crude fiber not more than.

Manufacturer / Brand		Pounds in 100 lbs. of Feedingstuff					
		Protein		Fat		Crude Fiber	
		Guaranteed*	Found	Guaranteed*	Found	Guaranteed*	Found
The Park & Pollard Co., Inc. (continued)							
Layor Bust Hi-Valu Scratch Pellets	Colebrook	12.00	14.28	2.50	3.91	6.50	5.94
Lay or Bust Laying Pellets	Manchester	20.00	20.36	2.50	3.12	7.50	6.91
Lay or Bust Poultry Fitting Ration	Manchester	14.00	**13.40**	2.50	3.39	9.50	6.38
Milk Maid Bulky Sweet Dairy	Colebrook	12.00	13.09	2.50	3.09	14.00	9.89
Milk Maid Calf Starter Pellets	Lebanon	22.00	27.67	3.50	3.55	7.00	6.13
Milk Maid 16% Dairy Ration	Hillsboro	16.00	17.86	3.50	3.40	10.00	6.75
Milk Maid 20% Dairy Ration	Colebrook	20.00	20.40	3.50	4.37	10.00	6.94
Milk Maid Fitting Ration	Colebrook	14.00	14.84	3.00	3.50	9.00	6.50
Milk-Maid Test Cow Ration	Colebrook	18.00	19.79	4.00	3.85	9.00	6.75
Munchy Dog Food	Manchester	26.00	26.93	6.00	6.59	4.50	2.94
Park & Pollard Go-Tu-It Pig & Hog Ration	Colebrook	16.00	17.99	3.00	4.20	6.00	5.96
Park & Pollard Rabbit Pellets	Colebrook	14.00	15.41	2.50	3.41	12.00	7.74
Park & Pollard Stock Feed	Colebrook	9.00	10.59	2.00	3.91	12.00	8.22
Park & Pollard Sulfaquinoxaline Mixture in Lay or Bust Growing Feed	Colebrook	18.00	19.08	2.50	2.92	7.50	5.02
Red Ribbon 16% Dairy Ration	Colebrook	16.00	17.95	3.50	4.33	11.00	8.05
Red Ribbon Fitting Ration	Lebanon	14.00	15.37	3.00	3.31	9.00	6.65
Special Milk-Maid 16% Dairy	Colebrook	16.00	17.12	3.50	5.16	10.00	7.72
Sulfaquinoxaline in Lay or Bust Chick Starter	Manchester	20.00	21.58	2.50	3.26	6.00	4.79
Sulfaquinoxaline in Lay or Bust Turkey Starter	Hillsboro	28.00	28.68	2.50	3.14	6.50	5.02
Yankee Horse Feed	Colebrook	10.00	11.73	2.50	3.33	10.00	6.31
Park & Tillford Distillers Corp. Louisville, Kentucky							
Pandt Corn Distillers Dried Grains	Dover	25.00	28.19	5.00	7.41	16.00	10.19
Parrish & Heimbecker Ltd. Toronto, Canada							
"Parrheim" Pure Wheat Brand	Lancaster	15.00	**14.28**	3.50	4.55	11.50	11.48
Pasco Packing Company Dade City, Florida							
Sugar-Sweet Citrus Pulp	Colebrook	6.00	6.04	2.50	**1.96**	13.50	10.60
Patent Cereals Company Geneva, New York							
Toasted Corn Flakes	Greenfield	7.00	10.68	3.00	4.49	5.00	3.56
Phenix Pabst-Ett Company Chicago, Illinois							
Krayletts for Swine-Chickens-Turkeys	Greenfield	20.00	22.38	4.50	7.87	2.00	1.78
Pierce Grain Corporation 1040 Seneca St., Buffalo, New York							
Pierce Special 16% Dairy Feed	Colebrook	16.00	**15.39**	3.50	4.26	8.50	8.48
16 Reliance Dairy Ration	Colebrook	16.00	16.77	4.00	4.59	9.00	8.55
20 Reliance Diary Ration	Colebrook	20.00	20.05	4.00	4.03	9.00	8.64
Reliance Hog Feed	Colebrook	18.00	**16.12**	4.00	4.63	8.50	7.69
Superior Fitting Ration	Colebrook	14.00	15.11	3.50	4.01	9.00	9.50
Pilgrim Feed Company Providence, Rhode Island							
Pilgrim Egg & Breeder Mash	New Boston (Farm)	20.00	23.17	3.50	3.73	8.00	4.01
Pilgrim Supreme Nitrophenide mixed in Pilgrim Supreme Broiler Ration	New Boston (Farm)	22.00	21.54	4.00	3.57	3.50	**6.78**

*Protein and fat not less than, crude fiber not more than.

Manufacturer / Brand		Pounds in 100 lbs. of Feedingstuff					
		Protein		Fat		Crude Fiber	
		Guaranteed*	Found	Guaranteed*	Found	Guaranteed*	Found
Pillsbury Mills Minneapolis, Minnesota							
Pillsbury's xx Daisy	Manchester	16.00	16.11	4.00	4.01	4.00	2.71
Pillsbury's Hard Wheat Bran	Nashua	14.00	14.02	4.00	3.90	12.00	9.15
Pillsbury's Hard Wheat Standard Middlings with Ground Wheat Screenings	Somersworth	15.00	16.81	4.00	4.97	9.50	6.16
Pittsburg Plate Glass Corporation Red Wing, Minnesota							
Red Wing 36% Protein Extracted Linseed Oil Meal	Greenfield	36.00	35.55	0.50	0.99	10.00	9.38
Platte Valley Products Inc. Lexington, Nebraska							
17% Dehydrated Alfalfa Meal	Lancaster	17.00	19.01	1.50	2.61	27.00	25.24
R. C. Pratt & Co. Ltd. Toronto, Canada							
Ruler Brand Pure Wheat Shorts	Nashua	15.00	17.22	3.50	5.41	10.50	5.29
The George Pritchard Company Dover, New Hampshire							
Pritchard Breeder Mash	Dover	20.00	20.67	4.00	3.81	7.00	5.01
Pritchard Complete Grower - Layer Mash	Dover	16.00	18.26	4.00	4.68	7.00	6.13
Pritchard 16% Dairy Ration	Dover	16.00	16.69	4.00	4.14	8.00	8.29
Pritchard 14% Fitting Ration	Dover	14.00	15.15	4.00	3.69	8.00	6.63
Pritchard Starter & Broiler Mash	Dover	21.00	20.47	4.00	3.44	5.00	4.22
Publicker Industries Inc. Philadelphia, Pennsylvania							
Dried Corn Distillers Solubles	Manchester	25.00	29.77	2.00	6.31	6.00	5.12
28% Grain Sorghum Distillers Dried Grains	Greenfield	28.00	30.43	8.00	7.40	15.00	8.74
Purity Flour Mills, Ltd. St. Boniface, Canada							
Pioneer Shorts	Suncook	16.00	17.51	5.00	5.20	8.00	7.36
Quaker Oats Company Peterborough, Sask., Canada							
Bell Cow Wheat Bran	N. Haverhill	15.00	17.08	3.50	4.79	11.50	10.30
Bell Cow Wheat Shorts	Greenland	16.00	18.30	4.00	5.06	8.00	5.96
Ken-L-Bisket	Exeter	20.00	20.40	3.50	4.40	3.00	1.62
Ken-L-Ration	Henniker	10.00	10.74	2.50	5.42	1.00	0.46
Peterborough Oat Huller Feed	Manchester	2.50	3.15	1.00	1.35	34.00	31.56
White Hominy Feed	Colebrook	10.00	10.03	4.50	5.45	5.50	5.93
Yellow Hominy Feed	N. Haverhill	10.00	8.74	4.50	4.26	5.50	3.84
Radio Foods Corporation Lawrence, Massachusetts							
Radio Dog Food	Manchester	12.00	10.51	3.00	2.30	1.50	0.79
Ralston Purina Company St. Louis, Missouri							
Purina B & M Cow Chow	Concord	16.00	15.52	3.50	4.27	10.00	7.38
Purina Breeder Lay Chow (for heavy-breeds)	Manchester	22.00	24.17	2.50	3.16	8.00	6.68

*Protein and fat not less than, crude fiber not more than.

Manufacturer Brand		Pounds in 100 lbs. of Feedingstuff					
		Protein		Fat		Crude Fiber	
		Guaranteed*	Found	Guaranteed*	Found	Guaranteed*	Found
Ralston Purina Company (continued)							
Purina Breeder Layena (for heavy breeds)	Exeter	16.50	18.87	3.00	3.27	8.00	5.57
Purina Broiler Chow	Manchester	18.00	19.66	3.00	3.71	7.00	5.22
Purina Broiler Chow Finisher (Checker-Etts)	Keene	18.00	18.79	3.00	3.62	4.50	4.13
Purina Broiler Chow Finisher (Checkers)	Keene	18.00	19.39	3.00	3.58	4.50	4.32
Purina Broiler Chow Starter (Checker-Etts)	Concord	22.00	23.82	3.00	3.27	5.00	4.53
Purina Calf Startena	Concord	19.50	22.95	2.50	2.60	9.50	8.30
Purina Chick Chow (Fine)	Concord	10.00	9.28	2.00	2.62	4.00	1.47
Purina Chick Growena	Exeter	17.00	18.17	3.00	3.49	7.00	5.44
Purina Chick Growing Chow	Manchester	23.00	23.86	2.50	3.63	8.00	5.91
Purina Chick Startena	Manchester	20.00	21.37	3.00	3.32	5.00	4.31
Purina Commercial Lay Chow	Concord	20.00	21.28	2.50	3.59	8.00	5.81
Purina Commercial Layena (Checker-Etts)	Keene	18.00	18.35	2.50	3.09	8.00	4.42
Purina Complete Sow & Pig Chow	Greenland	16.00	18.17	3.00	3.23	6.00	4.85
Purina Cow Chow 16%	Manchester	16.00	18.39	3.00	3.64	12.00	7.11
Purina Cow Chow 18%	Exeter	18.00	17.28	3.00	3.26	12.00	7.25
Purina Cow Chow 20%	Concord	20.00	18.85	3.00	3.87	12.00	8.33
Purina D & F Chow	Concord	12.50	14.15	3.00	3.05	12.00	8.83
Purina Dog Chow Kibbled Meal	Concord	24.00	22.89	5.00	6.68	5.00	3.76
Purina Dog Chow Meal	Concord	24.00	23.30	5.00	7.40	5.00	3.12
Purina Game Bird Growing Chow	Concord	28.00	28.01	2.50	3.07	6.00	5.34
Purina Game Bird Startena	Concord	28.00	28.63	3.50	4.43	7.00	5.44
Purina Goat Chow	Keene	16.00	17.21	3.00	3.40	10.00	7.10
Purina Hog Fatena	Concord	14.00	16.86	3.00	3.34	8.00	4.83
Purina Layena (Complete Ration) (Checker-Etts)	Keene	15.50	18.13	3.00	3.33	6.00	4.31
Purina Mink Chow	Milford	11.00	14.54	2.50	3.32	6.00	3.56
Purina Omolene	Manchester	10.00	10.07	3.00	3.28	11.00	6.72
Purina Poultry Booster Checkers	Exeter	24.00	24.78	2.50	3.17	9.00	6.16
Purina Rabbit Chow Checkers (Complete Ration)	Manchester	15.00	16.77	2.00	2.57	18.00	14.54
Purina Roaster Chow	Concord	18.00	18.08	2.50	3.37	8.00	5.72
Purina Turkey Fatena	Greenland	15.50	16.69	3.00	3.60	8.00	5.21
Purina Turkey Growena	Manchester	20.00	21.54	3.00	3.01	7.00	5.04
.005% 3-Nitro-4-Hydroxyphenylarsonic Acid in Purina Broiler Chow Finisher	Concord	18.00	19.27	3.00	3.87	4.50	4.12
.005% 3-Nitro-4-Hydroxyphenylarsonic Acid and .0125% Sulfaquinoxaline in Purina Broiler Chow Finisher	Concord	18.00	20.10	3.00	3.52	4.50	4.01
.005% 3-Nitro-4-Hydroxyphenylarsonic Acid and .0125% Sulfaquinoxaline in Purina Broiler Chow Starter	Concord	22.00	22.16	3.00	3.71	5.00	4.42
.0125% Sulfaquinoxaline in Purina Broiler Chow Finisher	Manchester	18.00	19.35	3.00	3.33	4.50	4.49
.0125% Sulfaquinoxaline in Purina Broiler Chow Starter	Manchester	22.00	22.24	3.00	3.51	5.00	4.32
.0125% Sulfaquinoxaline in Purina Chick Growena	Concord	17.00	17.78	3.00	3.34	7.00	5.48
.0125% Sulfaquinoxaline in Purina Chick Startena	Concord	20.00	21.28	3.00	3.66	5.00	4.57
.0175% Sulfaquinoxaline in Purina Turkey Startena	Manchester	24.00	27.23	2.50	2.87	7.00	5.79

*Protein and fat not less than, crude fiber not more than.

Manufacturer / Brand		Pounds in 100 lbs. of Feedingstuff					
		Protein		Fat		Crude Fiber	
		Guaranteed*	Found	Guaranteed*	Found	Guaranteed*	Found
John Reardon & Sons, Cambridge, Massachusetts							
Register Brand Fish Meal	Suncook	60.00	59.46	5.00	7.83	1.00	0.11
Register Brand Fish Meal	Nashua	60.00	61.16	5.00	13.01	1.00	0.14
Register Brand 45% Protein Meat & Bone Scrap	Suncook	45.00	44.79	8.00	10.09	.....	.....
Register Brand 50% Protein Meat and Bone Scrap	Dover	50.00	59.76	8.00	5.50	.....	.....
RE-Dan Packing Company, Ozone Park, Long Island, New York							
Cadet Dog Food	Concord	8.00	8.84	2.00	1.51	1.50	1.16
Russell Miller Milling Company, Minneapolis, Minnesota							
Hard Wheat Occident Bran	Newfields	14.00	15.90	4.00	4.61	11.50	10.18
Schoeneck Farms, Inc., Nazareth, Pennsylvania							
Schoeneck's Super Green Dehydrated Alfalfa Meal	Potter Place	17.00	16.55	2.00	2.87	27.00	26.40
Schwab Brothers Mills, Inc., New Bavaria, Ohio							
Dehydrated Bavaria Brand Alfalfa Meal 17%	Nashua	17.00	16.35	1.50	2.37	27.00	29.33
Joseph E. Seagram & Sons, Inc., Louisville, Kentucky							
Seagram's Corn Distillers Dried Grains	Manchester	26.00	25.07	8.00	9.80	11.00	8.38
Seagram's Corn Distillers Dried Grains	Manchester	26.00	26.01	8.00	8.62	14.00	8.98
Silver Bros., Inc., Manchester, New Hampshire							
Friendly Dog & Cat Food	Somersworth	6.50	8.80	1.50	2.46	1.00	0.99
Allen V. Smith, Inc., Marcellus Falls, New York							
Smith's Barley Feed	Manchester	13.00	13.76	2.00	3.40	14.00	7.64
South End Hay & Grain, Manchester, New Hampshire							
18% Dairy Feed	Manchester	18.00	18.66	4.00	4.19	10.00	7.19
Feedboard Breeder Mash	Manchester	20.00	20.27	3.00	4.22	7.00	6.25
Feedboard Growing Mash	Manchester	18.00	18.39	3.50	4.41	8.00	6.07
Feedboard Super-Starter	Manchester	20.00	20.41	3.50	4.24	4.50	3.90
F. B. Spaulding Company, Lancaster, New Hampshire							
Miracle Complete Egg Mash	Lancaster	16.00	17.60	3.00	3.84	9.00	7.14
Provender	Lancaster	10.00	10.73	3.50	3.63	9.00	4.64
Spaulding's 20% Dairy Ration	Lancaster	20.00	18.74	3.50	4.15	9.00	5.84
Spaulding's Fitting Ration	Lancaster	12.00	12.52	3.50	3.85	9.00	8.38
Spencer Kellogg and Sons, Inc., Buffalo, New York							
Spencer Kellogg's 32% Protein Old Process Linseed Oil Meal	N. Haverhill	32.00	34.06	3.50	4.21	9.00	8.52

*Protein and fat not less than, crude fiber not more than.

Manufacturer / Brand		Pounds in 100 lbs. of Feedingstuff					
		Protein		Fat		Crude Fiber	
		Guaranteed*	Found	Guaranteed*	Found	Guaranteed*	Found
A. E. Staley Mfg. Co.							
Decatur, Illinois							
Staley's Corn Gluten Feed	Lebanon	23.00	25.22	1.50	2.60	8.00	6.67
Stratton & Company							
Penacook, New Hampshire							
Stratton's Stock Feed	Salem Depot	7.00	6.04	3.00	2.70	15.00	13.60
Stratton's Wheat Bran	Lebanon	13.00	13.58	3.50	4.02	11.00	9.42
Stratton's Wheat White Middlings	Lebanon	14.00	15.06	4.00	3.42	5.00	2.52
Wheat Mixed Feed	Salem Depot	13.50	13.93	4.00	4.09	8.00	7.55
Wheat Standard Middlings	Salem Depot	14.00	14.45	4.00	4.20	8.00	5.01
Tioga Mills, Inc.							
Waverly, New York							
Sulfaquinoxaline in Tioga Broiler Feed	North Swanzey	20.00	21.37	3.00	3.12	5.50	4.49
Ti-O-Ga Broiler Feed	North Swanzey	20.00	18.83	3.00	3.34	5.50	4.26
Union Starch & Refining Co.							
Columbus, Indiana							
Union Corn Gluten Feed	Suncook	23.00	27.15	2.00	2.12	8.50	6.64
Union Corn Gluten Meal	Manchester	41.00	40.28	1.00	2.18	5.00	3.80
Union Corn Oil Meal	Manchester	20.00	23.38	6.00	7.30	10.00	8.96
U. S. Industries & Chemical Inc.							
60 E. 42nd St., New York 17, New York							
Curbay B-G Dried Molasses Fermentation Solubles	Manchester	10.00	10.16	.....	.....	1.00	0.58
Unity Feeds Inc.							
Manchester							
Unity Feeds Breeder Mash	Manchester	20.00	20.35	3.00	4.12	6.00	4.20
Unity Feeds Breeder Mash (Pelleted)	Manchester	20.00	18.92	3.00	3.70	6.00	4.28
Unity Feeds Check Starter	Manchester	20.00	21.11	3.00	4.17	4.50	3.54
Unity Feeds Complete Growing Mash	Milford	15.00	17.16	3.00	3.63	7.00	6.09
Unity Feeds 14% Dairy Fitting Ration	Manchester	14.00	14.37	3.50	3.51	8.00	6.14
Unity Feeds 16% Dairy Ration	Manchester	16.00	17.78	4.00	5.01	10.00	8.22
Unity Feeds 16% Dairy Ration	Manchester	16.00	18.66	4.00	4.42	10.00	7.60
Unity Feeds 20% Dairy Ration	Manchester	20.00	21.76	4.00	4.95	10.00	9.39
Unity Feeds 20% Dairy Ration	Manchester	20.00	20.10	4.00	4.70	10.00	9.41
Unity Feeds 14% Dairy Fitting Ration	Brentwood (Farm)	14.00	14.23	3.50	2.87	8.00	8.52
Unity Feeds 14% Dairy Fitting Ration	Manchester	14.00	17.43	3.50	3.51	8.00	6.75
Unity Feeds Fattening Station Pellets	Manchester	14.00	14.02	3.00	3.80	7.00	5.15
Unity Feeds Growing Mash (Pelleted)	Manchester	18.00	18.52	3.00	4.25	7.00	6.38
Unity Feeds Horse Feed	Manchester	10.00	9.19	3.00	3.45	9.00	5.40
Unity Feeds Laying Mash (Pelleted)	Milford	20.00	20.88	3.00	3.45	7.00	6.47
Unity Feeds Nitrophenide in Advance Ration	Manchester	20.00	21.54	3.00	4.42	4.50	3.52
Unity Feeds Nitrophenide Mixed with Super Gro Ration	Milford	17.00	17.82	3.00	4.44	3.50	3.30
Unity Feeds Nitrophenide Mixed with Unity Super Ration	Milford	20.00	20.14	4.00	4.20	3.50	3.76
Unity Feeds Pig & Hog Ration	Manchester	17.00	21.41	3.00	4.27	6.00	6.29
Unity Feeds Super-Gro Ration	Manchester	17.00	19.27	3.00	4.01	3.50	2.53
Unity Feeds Super Ration	Manchester	20.00	21.72	4.00	4.02	3.50	2.63
Unity Grist Mill 4-Way Mash	Manchester	15.00	18.52	3.50	4.19	7.00	4.82

*Protein and fat not less than, crude fiber not more than.

Manufacturer / Brand		Pounds in 100 lbs. of Feedingstuff					
		Protein		Fat		Crude Fiber	
		Guaranteed*	Found	Guaranteed*	Found	Guaranteed*	Found
Valier & Spies Milling Co. St. Louis, Missouri							
Valier's Wheat Bran	Colebrook	14.50	16.37	3.50	4.43	10.50	8.86
Victory Mills Toronto, Canada							
Soybean Oil Meal Hi Protein	Manchester	44.00	44.96	0.50	1.25	7.00	5.61
H. K. Webster Company Lawrence, Massachusetts							
Blue Seal All Mash Breeder Ration	Chichester	15.00	16.59	3.50	4.20	6.50	5.34
Blue Seal All Mash Egg Ration (Pelleted)	Chichester	15.00	16.29	3.50	4.12	6.50	5.48
Blue Seal All Mash Growing Ration (Pelleted)	Chichester	15.00	15.42	3.50	4.01	6.50	5.71
Blue Seal Breeder's Mash (Pelleted)	Chichester	20.00	20.01	3.50	4.37	7.00	5.95
Blue Seal "16" Dairy Ration (Coarse)	Chichester	16.00	16.55	3.50	3.98	9.00	7.75
Blue Seal "20" Dairy Ration (Coarse)	Chichester	20.00	19.13	3.50	3.94	9.00	7.83
Blue Seal Egg Mash (Pellets)	Nashua	20.00	20.62	3.50	6.64	7.00	6.08
Blue Seal Egg Mash	Exeter	20.00	21.50	3.50	4.23	7.00	4.97
Blue Seal Fine "16" Dairy Ration	Chichester	16.00	16.12	3.50	4.09	9.00	7.55
Blue Seal Fine "20" Dairy Ration	Exeter	20.00	10.10	3.50	3.99	9.00	7.17
Blue Seal Fitting Ration	Nashua	14.00	14.01	3.50	4.04	9.00	6.88
Blue Seal Fitting Ration	Exeter	14.00	13.25	3.50	4.09	9.00	6.93
Blue Seal Goat Feed	Rochester	16.00	16.25	3.50	3.67	9.00	7.16
Blue Seal Growing Mash	Nashua	18.00	19.40	3.50	4.04	7.00	5.78
Blue Seal Pig Feed	Chichester	15.00	14.86	3.00	4.30	6.00	5.99
Blue Seal Poultry and Turkey Fitting	Chichester	12.00	12.01	2.50	3.16	6.00	5.04
Blue Seal Rabbit Pellets	Exeter	20.00	19.79	3.00	3.61	12.00	11.30
Blue Seal Stock Feed	Rochester	8.50	10.25	3.00	3.71	17.00	10.28
Blue Seal Succulent Feed and Calving Ration	Rochester	12.00	12.56	1.50	2.43	18.00	14.23
Blue Seal Sulfaquinoxaline Mixture Super Starter and Broiler	Chichester	20.00	21.72	3.00	3.82	4.00	3.99
Blue Seal Sulfaquinoxaline Mixture in Super Starter and Broiler	Exeter	20.00	21.67	3.00	3.74	4.00	3.74
Blue Seal Super Mash (Pelleted)	Chichester	20.00	20.01	4.00	4.02	4.00	3.82
Blue Seal Super Starter and Broiler	Chichester	20.00	20.40	3.00	3.85	4.00	3.32
Blue Seal Test Ration	Rochester	18.00	17.10	4.00	3.80	9.00	7.23
Blue Seal Turkey Growing	Exeter	20.00	21.76	3.50	3.90	7.00	6.74
Western Condensing Co. Appleton, Wisconsin							
Peebles' Lacto-G Dried Whey	Manchester	12.00	7.42	0.50	0.58	.....	.....
Peebles' M-N-C	Greenfield	14.00	14.80	1.00	1.10	.....	.....
Whitmoyer Laboratories, Inc. Myerstown, Pennsylvania							
CLO-MEAL	Keene	40.00	45.09	10.00	17.80	3.75	2.76
GRO-TEIN	Keene	42.00	43.13	6.00	10.90	5.50	2.02
Whitmoyer Quality Fish Meal	Suncook	60.00	58.36	7.00	10.73	3.00	0.20
Whitmoyer Quality Fish Meal	Greenfield	59.00	63.44	8.00	8.22	2.00	0.26
Wilson and Company Chicago, Illinois							
Ideal Dog Food	Goffstown	10.00	10.03	2.00	3.49	1.00	0.61
Yieldmor Feeds, Inc. Piqua, Ohio							
Yieldmore Hi-Energy Broiler Ration	Keene	20.00	20.45	3.00	3.54	4.50	3.76

*Protein and fat not less than, crude fiber not more than.